

THE
ARCHITECT
& BUILDING NEWS

IN THIS ISSUE

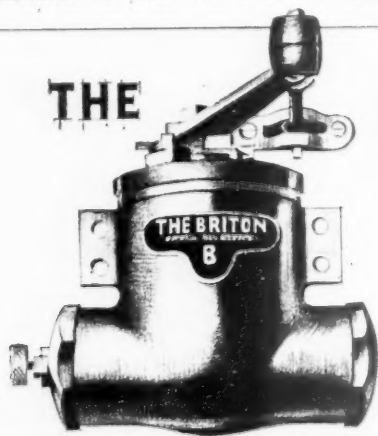
- WEST HILL ESTATE, BRIDLINGTON
- NEW OFFICES, HERTS AND ESSEX
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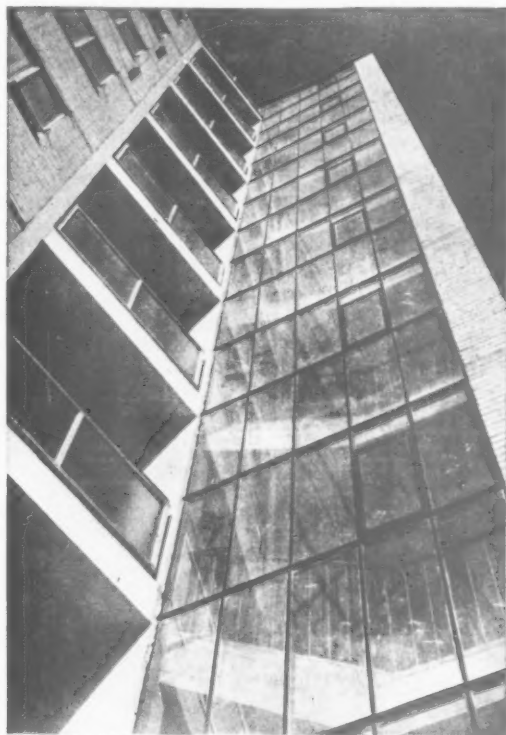
C55-741

A

LONDON LOOKS UP

The new housing estates in the capital are keeping Londoners in London—which is where sparrows, Dr. Johnson and Londoners prefer to live. New houses and flats, taking the place of dismal bomb sites and scarecrow slum tenements, are beginning to take the edge off London's housing problem.

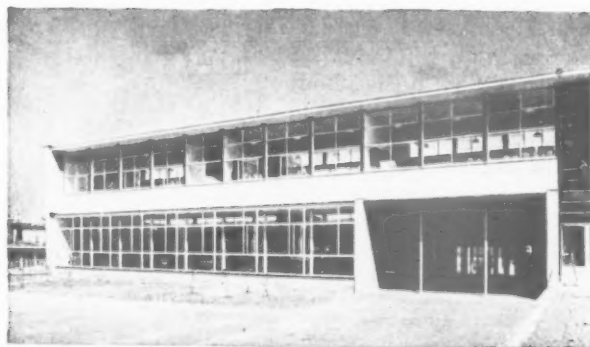
Compared with the "buildings" and "dwellings" of a past era, it is noticeable that the new architecture is ablaze with windows—many of which were produced by Williams & Williams of Chester. Working with architects of vivid imagination (and bringing to the problem all the vigour and enthusiasm of crusaders) Williams & Williams are producing windows and glazing that fulfil the high standards of contemporary design. In the housing estates shown, and many others across the face of Britain, Williams & Williams are doing a good job—as indeed they are in buildings and factories, art galleries and aeroplane hangars all over the world.



Architects: Powell and Moya, A.A., R.I.B.A.



2



Architect: F. W. Williams, R.I.B.A.

3



Architects: Powell and Moya, A.A., R.I.B.A.

1. These flats at Pimlico are part of the Westminster City Council's housing plan that will eventually cover 30 acres. Williams & Williams supplied metal windows, metal doors, and Aluminex Patent Glazing for this enormous project. 2. Expert use of standard metal windows helped produce the striking effect shown in this elevation of the flats at Finsbury. 3. New houses mean new schools. At this school in Lansbury, Williams & Williams produced all the doors and windows. Williams & Williams have put windows and walls of glass into 128 schools all over the country. 4. The Pimlico Polygon, a new landmark in hot water tank cladding—and indeed a new landmark on London's river—is covered with Aluminex Patent Glazing. The all aluminium glazing bar is used in reverse so that broken glass can be replaced from the galleries inside the glass surround eliminating need for scaffolding. Aluminex, together with metal windows and doors, is produced by Williams & Williams of Chester.

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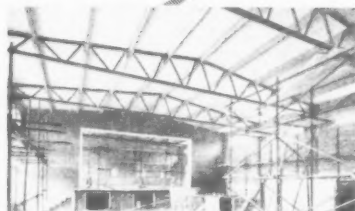
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Our photographs show typical examples.

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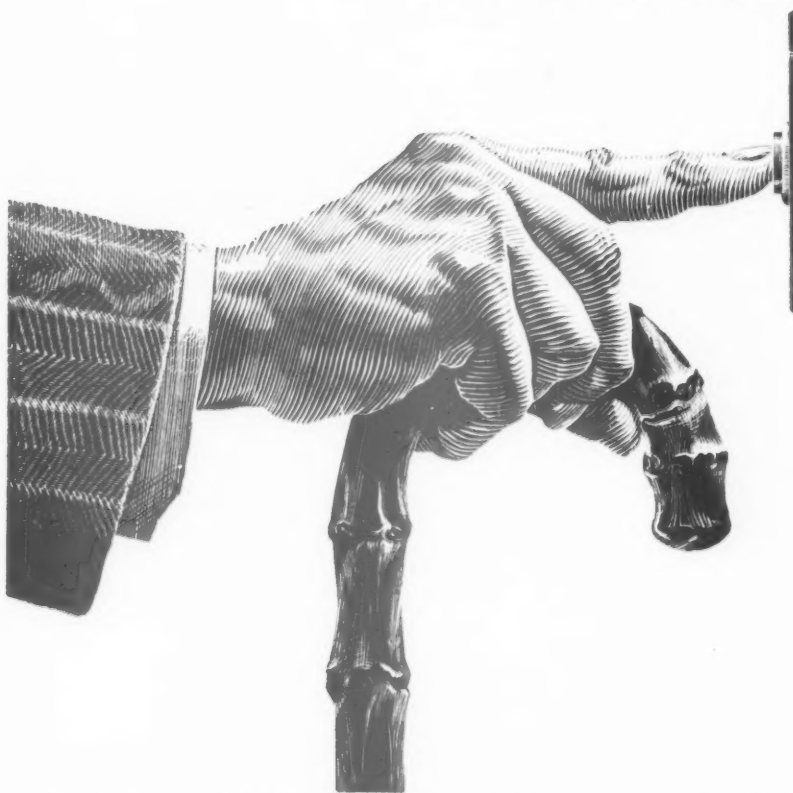
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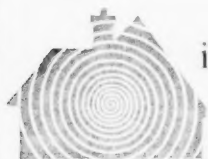
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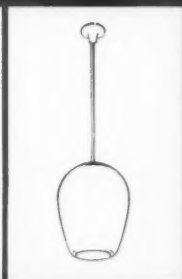
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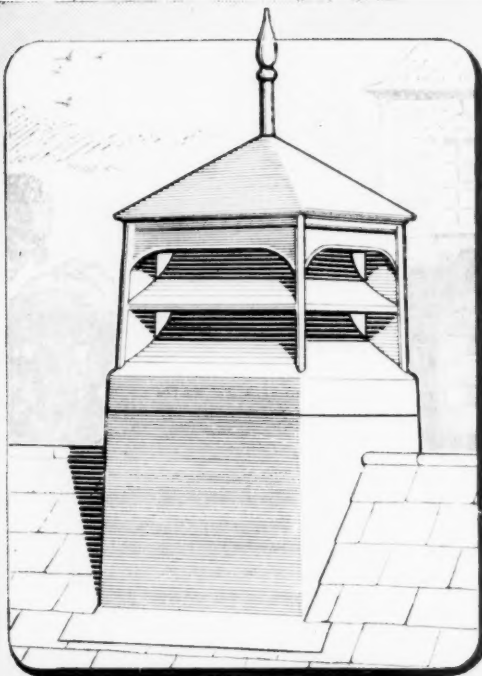
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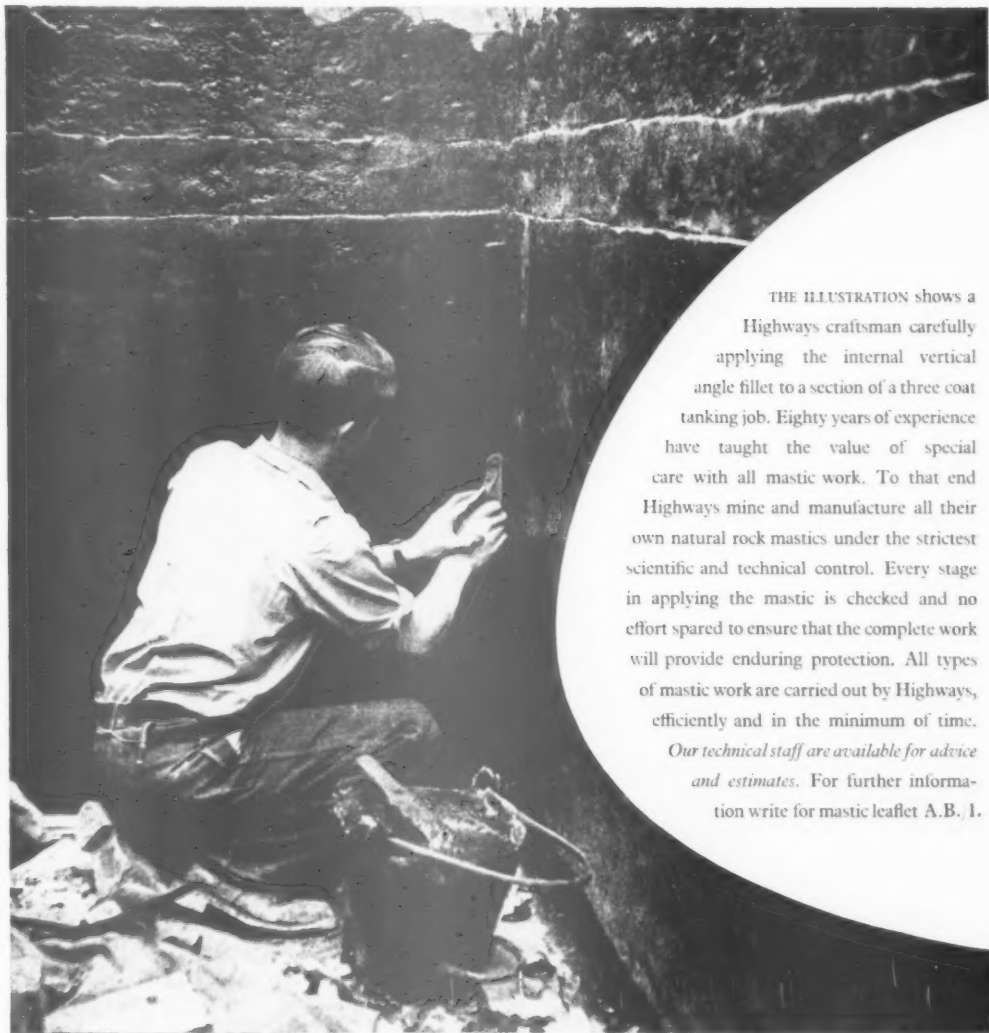
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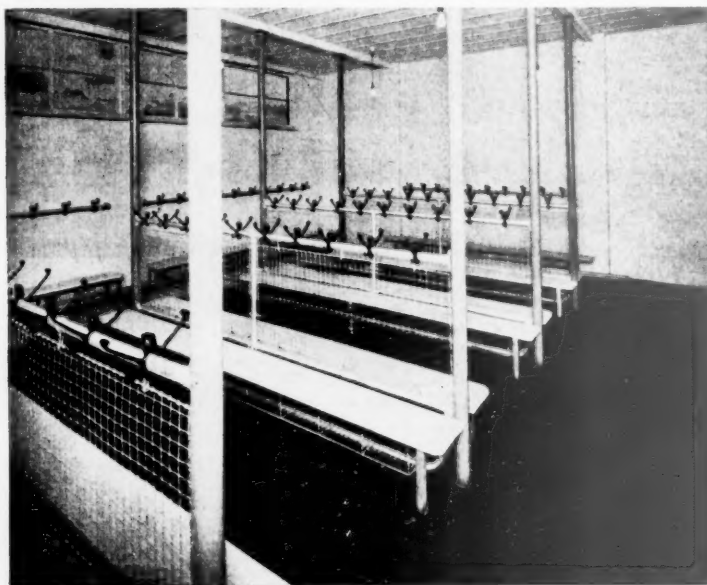
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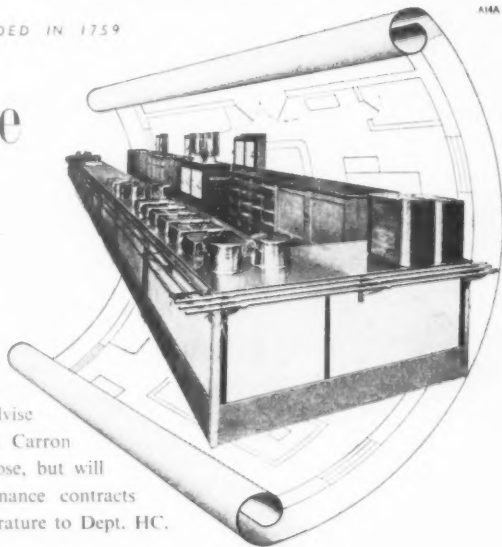
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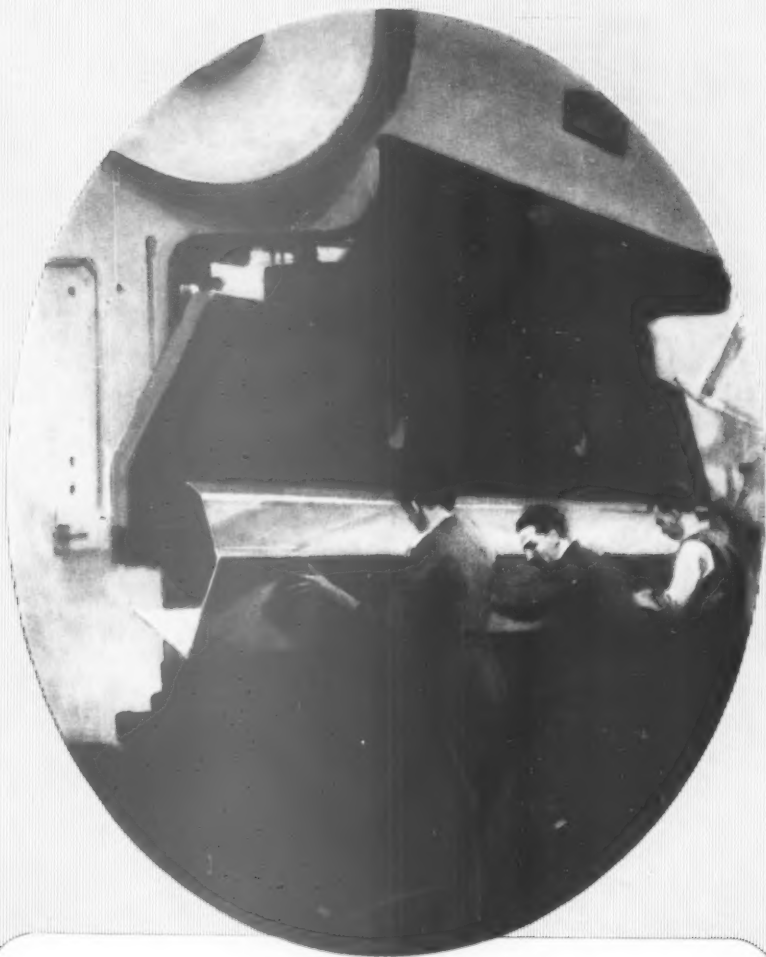
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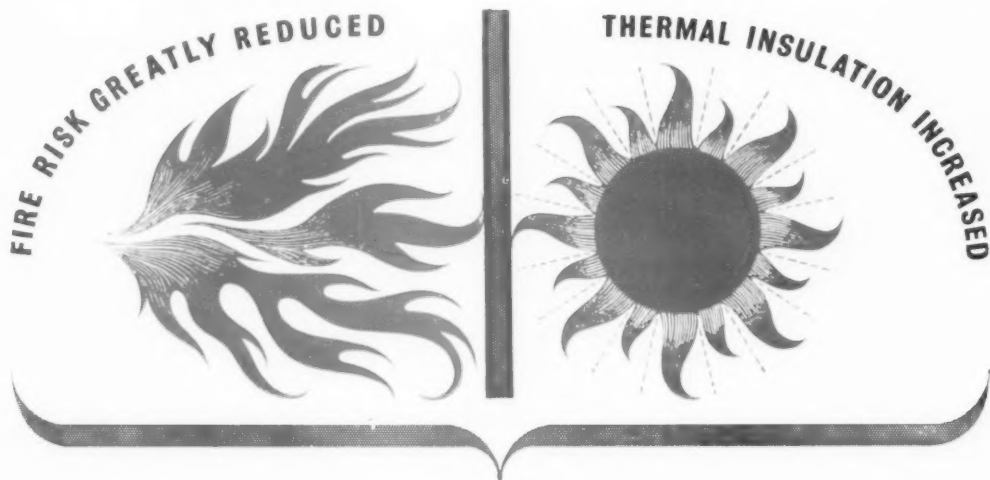
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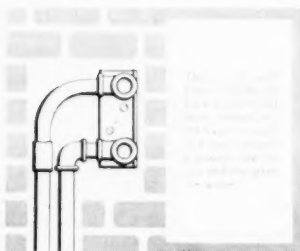


Ever worked, or even sat, in a room on a hot summer's day with a fire alight behind you? Ever stoked a fire—on a boiling August afternoon, just so that the family can have hot water, or because there are clothes to be washed? If you haven't, you can well imagine!

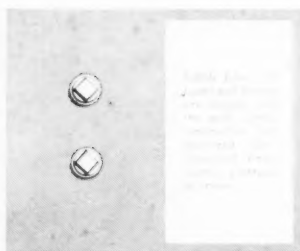
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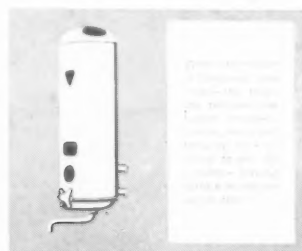
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THE ARCHITECT & BUILDING NEWS

October 16, 1952

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THE COST OF HOUSING

THE total costs of housing in this country are difficult to arrive at. Even so, no intelligent planner can maintain that such costs are not relevant to other costs and liabilities to which the country may be irrevocably committed. This difficulty of discovery or of arranging the facts of a case can remove vital factors from the planner's equation and to that extent his work is reduced in efficiency and may even be progressing upon wrong paths.

The gross cost of 300,000 houses, not allowing for the costs of sites and major site-layout costs, is at the present moment about £457,000,000. This is to be an annual expenditure as soon as possible and, we are told, may continue for some years. This amount is about one-third of the total amount which this country spends annually on all building and civil engineering works.

The gross loan-debt on housing was, eighteen months ago, £1,464,000,000; the present figure is unobtainable, but the present increase is somewhere near £200,000,000 a year. The interest on the post-war part of this debt at a flat rate of 4 per cent is in the neighbourhood of £35,000,000. These figures do not, of course, include the amounts of "subsidies" or grants to Local Authorities made by the Exchequer.

The total payments by the central Exchequer on account of housing including grants to Local Authorities is estimated for 1952-53 to be £63,302,500. But this is not the whole story; the amounts of grants have been raised by the present government and the net total capital value of 300,000 houses, allowing for all interests, off-set rents, sinking funds, etc., would amount to about £225,000,000.

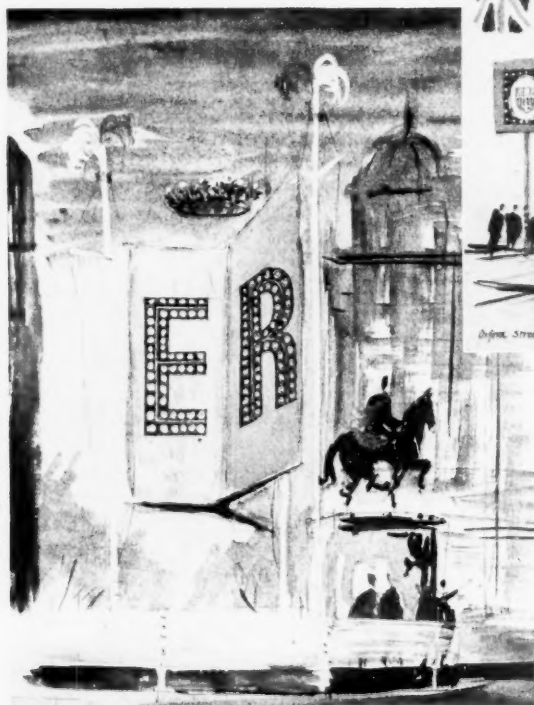
(£180,000,000 in 1947). These figures actually do accord roughly with recent annual housing loans from the Public Works Board. Such are the national capital stakes in housing and it is doubtful if they will or can ever be recovered.

The real questions that emerge from any serious contemplation of such bald figures are, can this country really afford to expend such sums at this period of its history? And, is it sound all-round, national planning to do so? These are very difficult questions to answer and most people who attempt to do so get mixed up with politics, social moralities and other important matters, which, as they do not affect the basic facts of the issue, are, from a vital planning starting-point, irrelevant.

The figures we have given are by no means complete; they are, perhaps, only roughly correct, but they are near enough to get some understanding of the recent warning by Lord Silkin, in the Lords, when he analysed the economic implications of raising both housing "subsidies" and housing output at the same time. Some of our figures have been taken from an important article in *The Financial Times* (October 8). In this same article stress was laid on the number of undiscoverable facts of the housing problem as an economic issue with doubts as to whether even the Chancellor of the Exchequer, the Minister of Housing and the Secretary of State for Scotland, even in combination, could sort out the facts arising from the various Housing Acts or the economic implications of them. For the sake of those who have to plan, especially physical planners in architecture and town planning, a call for considerable overhaul is already out of date.



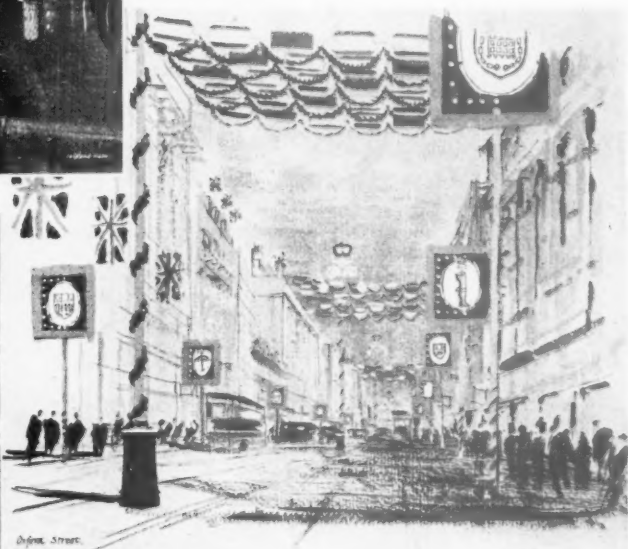
Proposed design for St. James's Street.



Proposed treatment round King Charles' statue, Trafalgar Square.

PLANS FOR THE CORONATION ROUTE

SIR HUGH CASSON'S proposals for the City of Westminster Coronation street decoration have been accepted in principle by the City Council. The cost is estimated to be about £50,000. Recommendations are divided into four main groups: Processional Route; Off the Route; Special Features; and Miscellaneous. Each street or square has been given a theme based on its historical associations or its individual character. A small selection of sketches is given on this page.



Proposed decorations for Oxford Street. Old-time tradesmen's signs alternate with civic armorial panels.

EVENTS AND COMMENTS

CORONATION DECORATIONS

My pictures show some of Sir Hugh Casson's ideas for the decoration of the Coronation route in the City of Westminster. I would very much like to have some of Sir Hugh's sketches to keep but that would be bad for me because I only have to look at one of his drawings to be filled with the most unseemly envy. I like his decoration ideas very much and I cannot help marvelling at the variety and scope of his ideas. His proposed treatments for Eros, King Charles I, and lamp-posts seem particularly good. In the face of congratulations I found Sir Hugh less gay than he might have been. He took the view that so far so good, but now he had to transform them into actual fact and that was rather a different proposition. Having seen the

mock-up decorations at the Westminster City Council's depot I have no qualms on this score. The press was quick to pick on a real Casson touch. The suggestion that road sweepers, always popular on State occasions, should wear red, white and blue cockades in their hats. I would like to suggest that the sand cart should also be suitably decorated. I hope, too, that London Transport will dress their buses up in some way. Paris buses on important occasions are decorated, each with two flags fixed in a V behind the route number board. In Edinburgh during the festival the trams carried small flags on the cords attached to their trolley arms. At the time of the Coronation of King George VI many private cars wore small Union Jacks, this made quite a gay contribution to the decoration of London, although it may perhaps have upset members of the Army Council.

KING GEORGE VI MEMORIAL

A site is soon to be chosen for the statue to the late King which will form part of the national memorial. It should surely be in the Westminster precinct and I suggest that the best place would be on the triangular piece of grass to the west of the north door of the Abbey. I noticed two mistakes in *The Times* announcement of the Committee which has been set up to choose a site. The P.R.I.B.A. was referred to as Mr. A. Henderson—this is a double one—and the Secretary of the Royal Fine Art Commission as Mr. Godfrey Samuel. There is almost bound to be con-

trovery about the choice of sculptor when the time comes. We can, however, make quite sure that the architectural setting of the figure is finely detailed so that it neither crushes nor debases the figure.

SCENES WE WOULD HAVE LIKED TO WITNESS

I am told that recently the P.R.I.B.A. found his car obstructed by one of those follow-my-leader electric milk trollies and, no milkman being in sight, Mr. Robertson diffidently approached the machine to see what could be done. No sooner had he taken hold of it than it set off with a fair and constant show of acceleration. Nor could any means be found of arresting its progress until a passer-by offered to help and pressed a lever. The trolley stopped. A ruffled milkman appeared demanding to know what was afoot. We need not fear that the P.R.I.B.A. was without a ready explanation. No milk was spilt.

COVENTRY CATHEDRAL

Mr. Basil Spence's latest Coventry drawings, supported by some simple balsa wood models, are being shown at the Building Centre until October 25, Monday to Friday, 9.30-5. Saturday 9.30-1. I think that such alterations as have been made are improvements. The feet of the piers supporting the vaulting now stand on crystal balls.

ABNER

NEWS OF THE WEEK

Unesco Building

PLANs for new Unesco buildings in Paris have been published. They have been approved by an international panel of five architects and will be submitted to the next General Conference of Unesco opening on November 12 in Paris, which will be asked to give definite approval to the project.

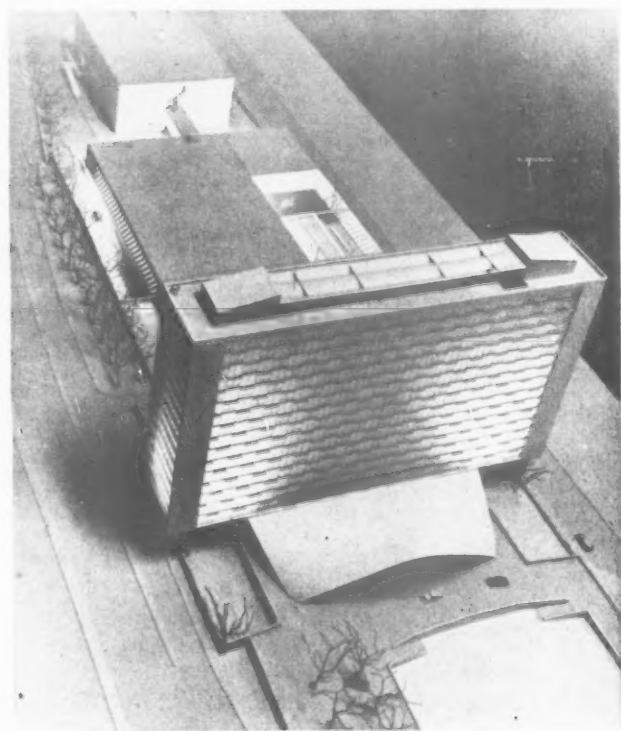
The plans were drawn up by two architects, M. Bernard Zehruss (France) and Mr. Marcel Breuer (United States), and one engineer, S. Pier Nervi (Italy).

The site chosen for the new Unesco Headquarters Building is in the western part of Paris, bordering the Bois de Boulogne between the Porte Dauphine and the Porte Maillot. It measures approximately 2,200 by 280 feet and is enclosed by the Avenue de la Division Leclerc and the Boulevard Thierry de Martel, which continues as the Boulevard de l'Amiral Bruix.

There will be three buildings—a 16-storey Office Building; a central Conference Building; and an Auditorium for General Conference plenary sessions with an amphitheatre. The form of the Office Building will be that of an elongated rectangle in harmony with the basic plan of Paris. It will be about 200 feet high, 305 long and 55 feet wide.

In their report, the architects point out that, despite its proposed height, the 16-storey building will be lower than the principal monuments along

(Continued on page 472)



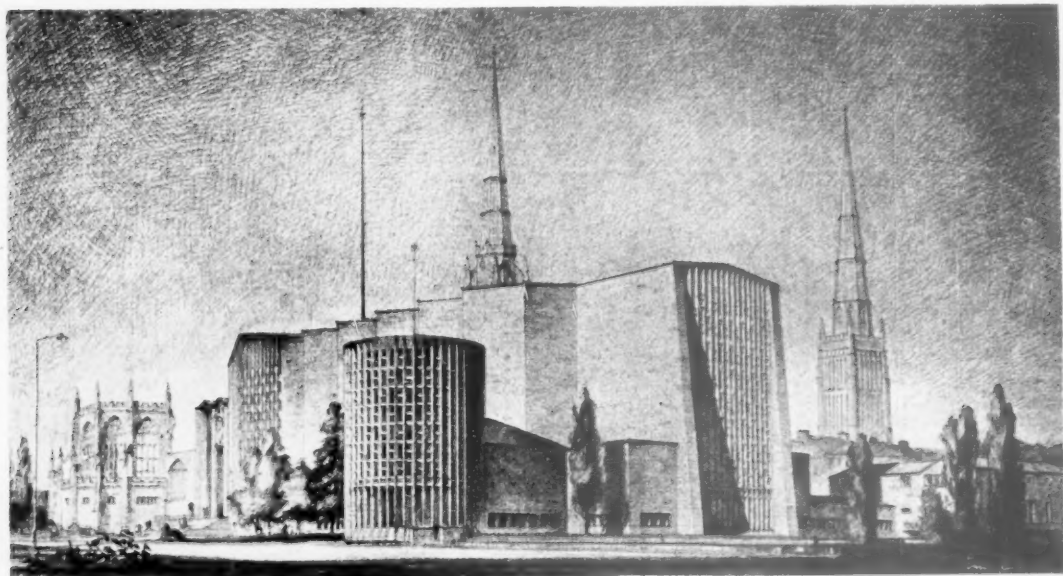
Model of preliminary project for Unesco Headquarters, Paris



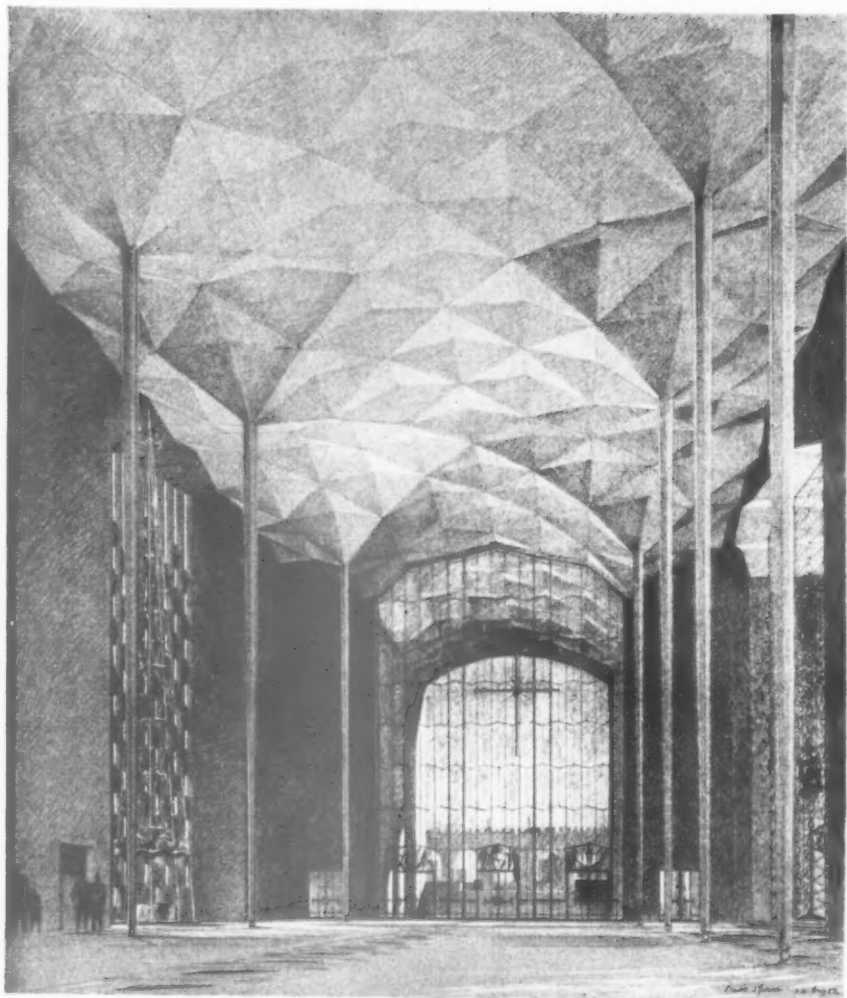
MR. BASIL SPENCE'S latest drawings for Coventry Cathedral have been approved by the Cathedral Reconstruction Committee and will go before the Cathedral

Council and Joint Council for the Christian Service Centre before the final design drawings are made.

The new drawings, illustrated here, are on view at the



View from the N.E.

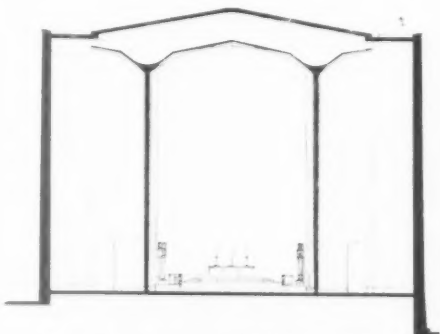


View of the vaulting at the Crossing, looking through the Screen on to the Porch

Building Centre, Store Street, until October 25. The changes in design are not modifications required by the Committee, but æsthetic refinements resulting from the stimulus of the churches seen abroad during Mr. Spence's recent visit to Europe, working on his own creative imagination. They have added to the sculptural quality of the appearance of the Cathedral. The Chapel of Unity, which from the first was intended to call to mind a Crusader's tent is better integrated, with a unifying undulatory cornice uniting roof with the strongly vertical mullions.

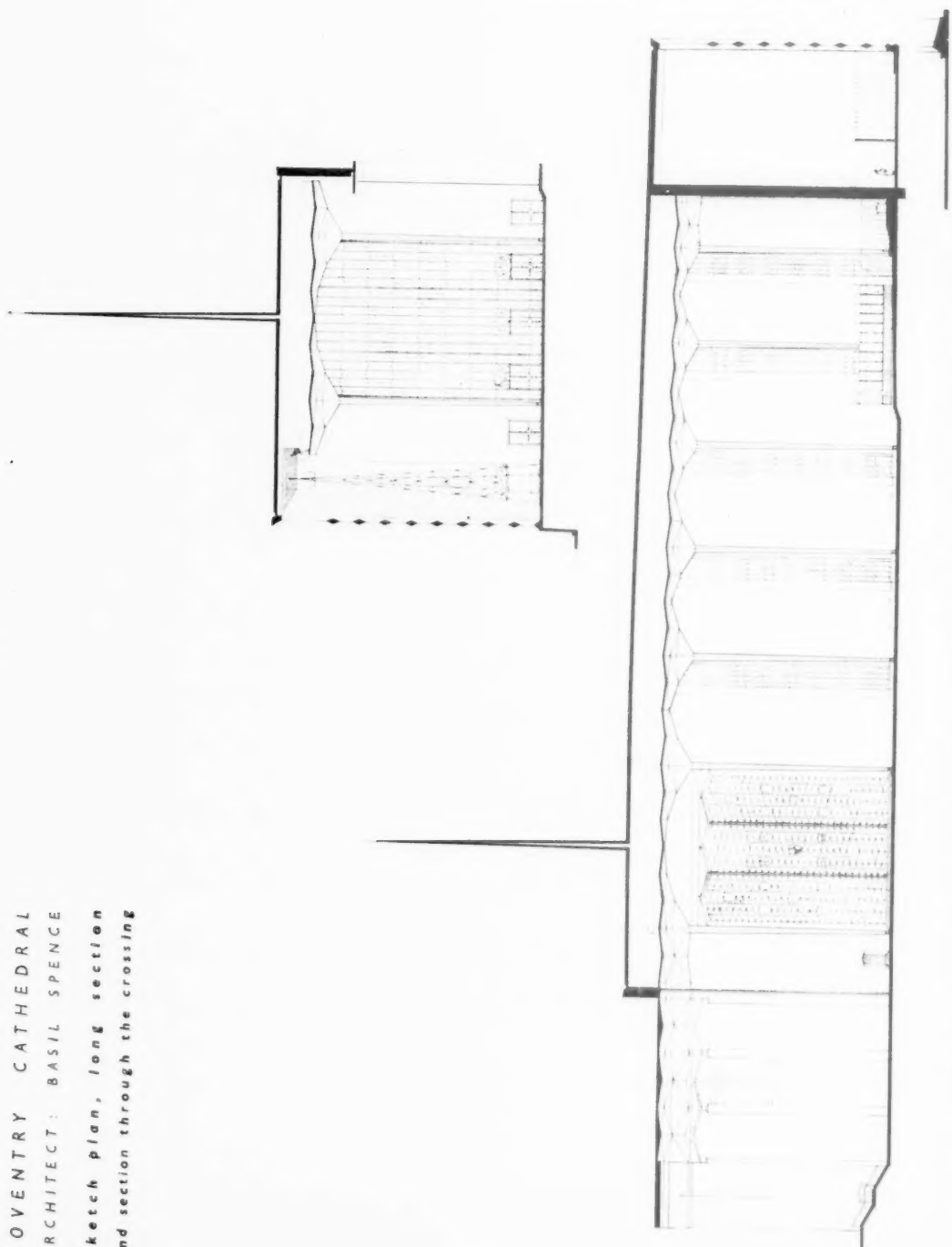
The saw-tooth wall and window elevations have been re-studied and more

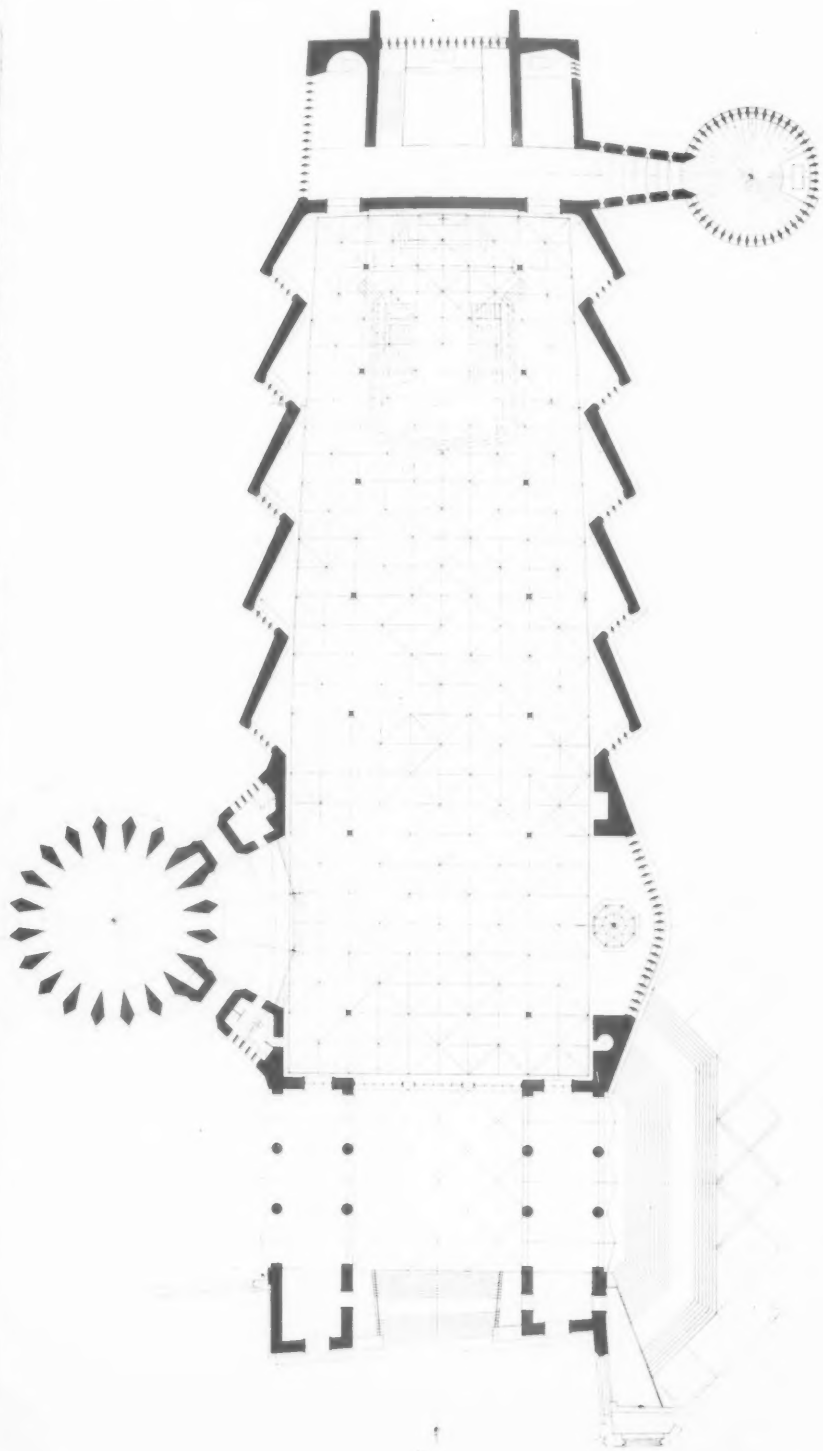
(Continued on page 455)



Section through vaulting, looking towards Altar

COVENTRY CATHEDRAL
ARCHITECT: BASIL SPENCE
Sketch plan, long section
and section through the crossing





emphasis has been given to the solids, the "porticulis" windows are narrower and more intriguing to the eye. The north elevation has now been brought up to the level of design of the rest of the building and the scale of the nave rising above the chapels is enhanced.

Exterior wall finish in pink-grey

Hollington Stone will be left with a sawn-texture down to the basement courses, which are to have a natural roughness of finish in place of the heavy rustication shown in earlier drawings.

The most interesting change is in the treatment of the vaulting over the Nave. It is now conceived as a

monumental baldachino extending forward from over the Altar to include the congregation. Like a table, the vault stands free of roof and walls, supported on 14 slender columns which gather the flat planes of the vaults at the apex and carry down to the floor where they are pivoted on crystal ball-feet. The outer verge of the

vaulting has a balustraded viewing gallery (see section). The consultants were Ove Arup & Partners. Other changes, after his visit to Italy, have been made by Mr. Spence in the three chapels, one of which, the Guild Chapel, will be glazed with glass from the Old Cathedral. New glass is being designed at the Royal College of Art.



General view, showing open forecourt. This scheme was awarded a Housing Medal in 1951

West Hill Estate, Bridlington

ARCHITECT: CLIFFORD CULPIN F.R.I.B.A.

THE design of this estate (then known as Bessingby Estate) formed the subject of an open Architectural Competition in 1947. The layout and ten house types were called for and sites had to be provided for a community centre, a church, a pub and shops and playing fields. Few natural features existed, but the fine beech trees running across the site have been preserved in a wide grass verge between the dual carriageway of the principal road, and the old fish pond has been shown improved in shape and incorporated in a small park covering an area which is undrainable by gravitation.

The site is 114 acres in extent and slopes to the south-east with views over the roofs of part of the town to the sea. A gross density of 7.5 dwellings per acre has been provided which, after deducting the area of the park, tree-belts and recreation ground, gives a net

density of 10.5.

The dwellings required by the competition ranged from single-person flats through one- and two-bedroomed old people's bungalows to houses with five double bedrooms! The percentages were clearly laid down and the earlier contracts were based on these proportions. Later, the proportions were reconsidered in the light of the housing list with the result that five- and four-bedroomed houses were dropped and the number of two-bedroom flats and houses sharply increased. "Bed-sitters" have been omitted from the programme as this type of accommodation exists in adequate numbers in this seaside resort.

The change in plan requirements will prove interesting to architects for other local authority housing. Taking a three-bedroomed house, for example, the competition plan was of the dining-kitchen type, with the wash-house or

utility room required by the 1945 Housing Manual. When some of these houses were built there was a local outcry against the "wasteful" second sink with all its services, and it was found that tenants lived almost entirely in the dining-kitchen (which they called the living room), used the tiny utility room as a kitchen, and kept the generous, through-lighted living room "for best." It was found, in other words, that people will not live as a Ministry or the authors of a Housing Manual want them to. The architect had, with some reluctance, to change to the old inter-war plan of living-kitchen, scullery and small sitting-room, and this suited the tenants' requirements admirably.

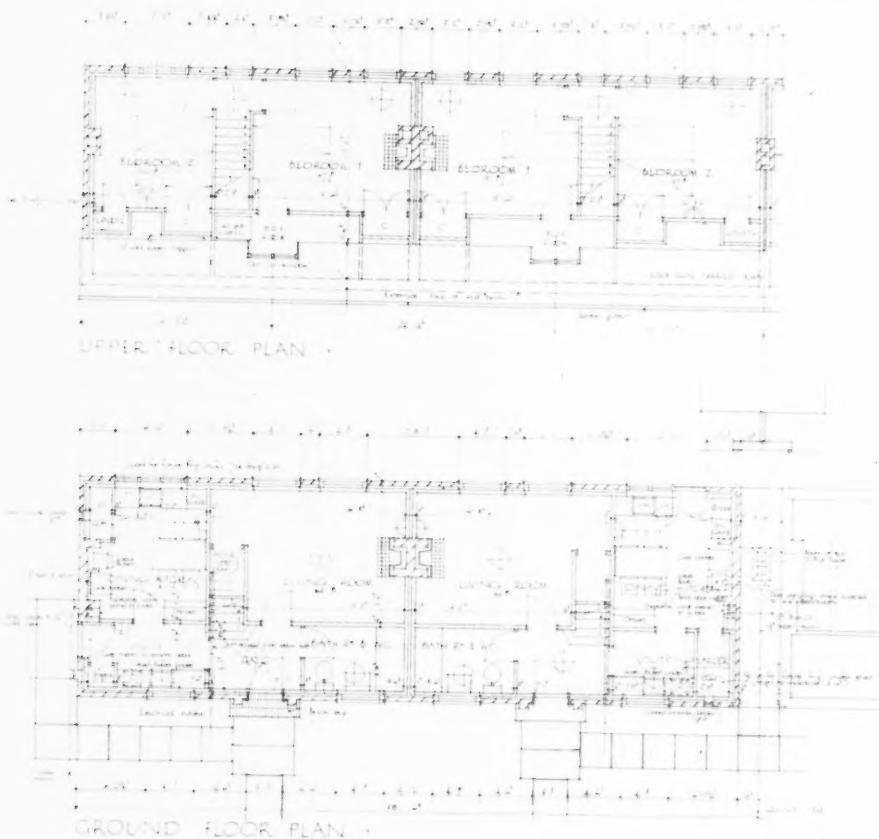
Further changes occurred to offset the steady rises in cost. The specifications were slightly amended to achieve savings, the most drastic change being the omission of wall decoration, although bricks, tiles, win-



View through one of the covered ways linking the old people's bungalows



Stepped block of two-bedroom houses



WEST HILL ESTATE BRIDLINGTON—RECORD OF COSTS OF HOUSES (CONTRACT FIGURES)

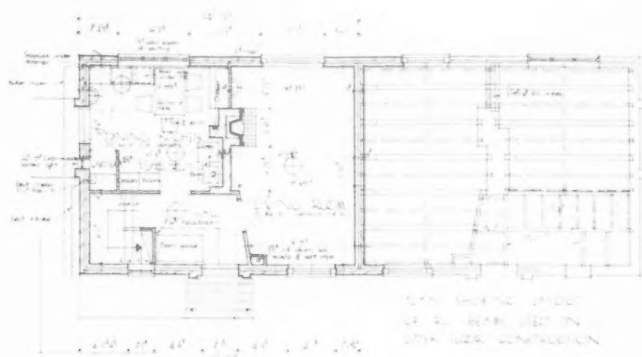
Type of House	Accommodation	Phase	Dates of Contracts (month and year)	Cost House only	Cost, outbuilding (av.)	Cost, share of ext. works	Total cost house, outbuilding and external works
				£	£	£	£
SE35	3-BR 5-person house	1	Aug. 1948	1,097	75	126	1,298
		2	Sept. 1948	1,076	81	93	1,250
		3	March 1949	1,119	87	96	1,302
		5a	Sept. 1949	1,060	86	116	1,262
W35	3-BR 5-person house	2	Sept. 1948	1,082	81	93	1,256
		3	March 1949	1,102	87	96	1,285
		5a	Sept. 1949	1,120	86	116	1,322
W47	4-BR 7-person house	2	Sept. 1948	1,278	81	93	1,452
		3	March 1949	1,302	87	96	1,485
		5a	Sept. 1949	1,312	86	116	1,514
S36	3D-BR (6-person) house	1	Aug. 1948	1,163	75	126	1,364
		2	Sept. 1948	1,153	81	93	1,327
		3	March 1949	1,194	87	96	1,377
		5a	Sept. 1949	1,127	86	116	1,329
		6	June 1950	1,121	70	92	1,283
		7a	March 1951	1,174	81	129	1,384
OP2	2-BR old person's bungalow	5b	Sept. 1949	825	34	90	949
N24	2-BR houses	2	Sept. 1948	985	81	93	1,159
		6	June 1950	985	70	92	1,147
W2	2-BR houses	4	June 1950	872	70	92	1,034
		7a	March 1951	941	81	129	1,151
		8	Oct. 1951	1,077	73	153	1,303
T2R	2-BR houses	9	July 1952	951	49	121	1,121

N24 North aspect
Two-bedroom, four-person
block of four houses

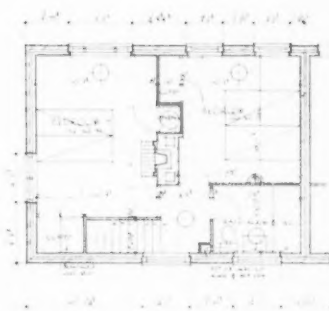
fe. super
GROUND FLOOR.....459
FIRST FLOOR (END).....323
FIRST FLOOR (CENTRE).....346
TOTAL, END HOUSE.....782
TOTAL CENTRE HOUSE.....805

dows, etc., have throughout been maintained at the original standard.

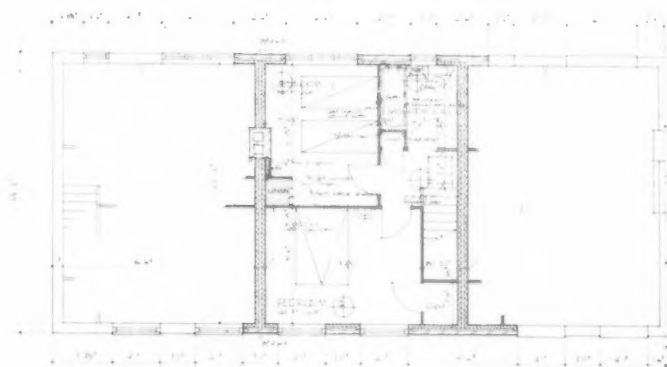
The figures given in the table show how little variation occurred in the contract figures for houses of the same type built in different contracts over three years. With the publication in May, 1950, of Ministry of Health Circular 58/50, "House Building Costs," and again later, "Houses, 1952," reduction in space-standards were



GROUND FLOOR PLAN



UPPER FLOOR



UPPER FLOOR PLAN

W2 West aspect two-bedroom

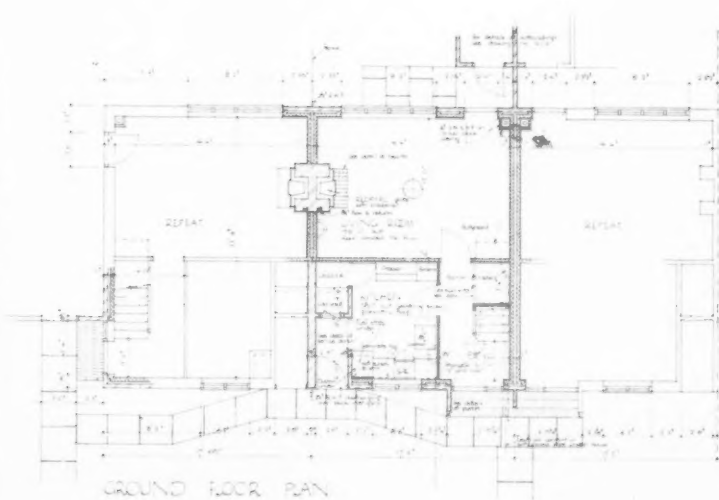
	ft. super.
GROUND FLOOR.....	387
FIRST FLOOR.....	387
TOTAL.....	774

T2r Two-bedroom Terrace house

GROUND FLOOR.....	350½
FIRST FLOOR.....	368½
NET AREA.....	719
ENTRY PORCH.....	12
SERVICE PORCH.....	18
REAR PORCH.....	17
GROSS AREA.....	766

accepted. An example of these savings can be seen by comparing the three two-bedroom houses illustrated. In the first type, N24, the ground floor was of the same dimension as a three-bedroom house, the usable first-floor area being reduced by dropping the front eaves to first-floor level. This loss of space, resulting in a net floor area of 782ft sup. was an extravagance, although the resulting house was architecturally effective. In type W2 the net area had been reduced to 774ft sup. In type T2R, now being built, the net area has fallen to 719ft sup. and the longer terraces have effected further economies.

The houses are faced either with

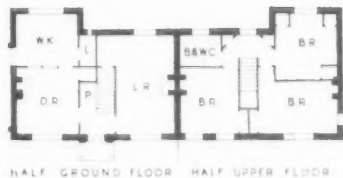


GROUND FLOOR PLAN



TYPE S36. South aspect, three-bedroom,
six-person.

GROUND FLOOR.....	483
FIRST FLOOR.....	478
TOTAL.....	961



HALF GROUND FLOOR HALF UPPER FLOOR

brownish or grey-buff facing bricks except for a few blocks which form focal points. These are cement-painted a pale cream colour. Roofs are all covered with natural red pantiles which already have taken on varying shades. The double-hung sashes, chosen as being the only satisfactory type of window in this very exposed situation are painted "broken white," and the front doors are grouped in different bright but harmonious colours, pale primrose, turquoise and maroon.

Open front gardens have been successfully adopted and are maintained by the Corporation. Generous planting has been carried out by Mr. Booker, the Parks and Gardens Superintendent, who has managed to obtain and plant trees up to 16ft high, so that within the first year of planting the tree-screens are looking well established.

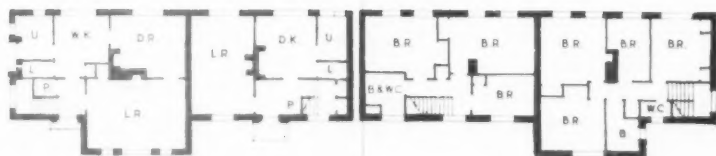
The roads and services were carried out under the direction of the Borough Engineer, Mr. Louis Clarke-Davis, M.A. (Cantab), and the Quantity Surveyors for all the building contracts have been Messrs. Dearnley & Henderson, of London.



Type S36 with cement paint finish



W47 & W35
West aspect
four-bedroom
seven-person



W47

GROUND FLOOR ... 590
FIRST FLOOR 600
TOTAL 1,190

HALF GROUND FLOOR

HALF UPPER FLOOR

W35

GROUND FLOOR ... 455
FIRST FLOOR 494
TOTAL 949



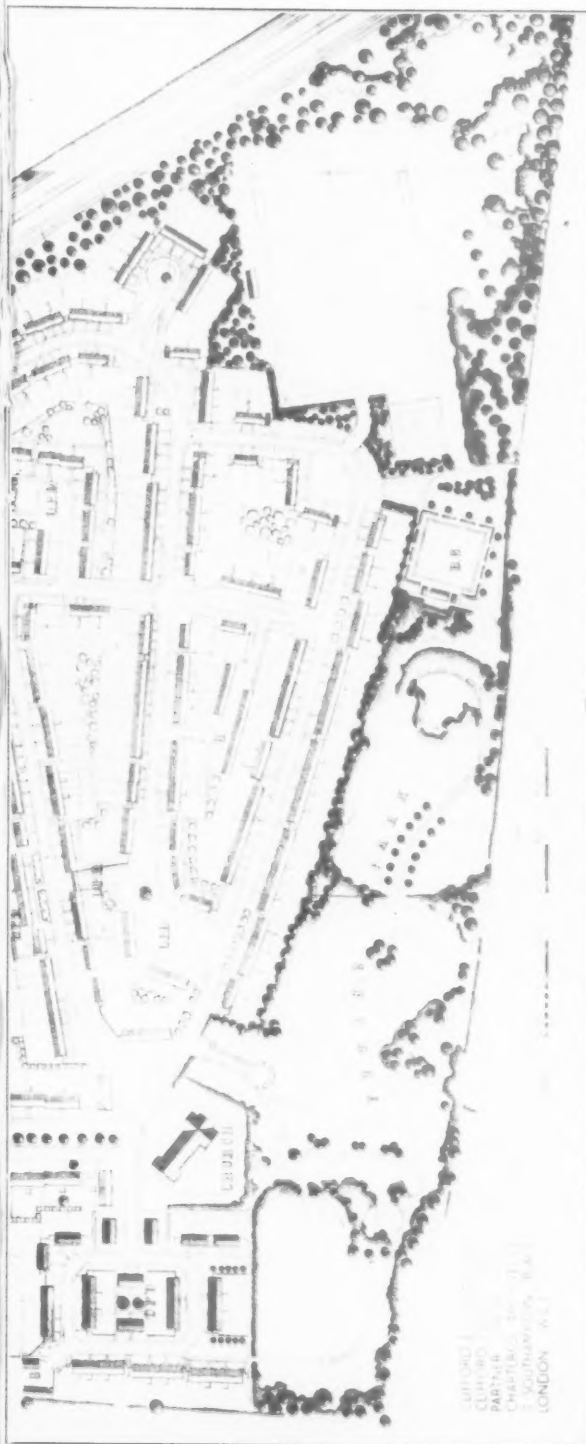
TYPE W 2
plan on p. 459

BOROUGH OF BRIDLINGTON WEST HILL ESTATE

LEGEND

- LL LIVING HOUSE
- LL LOCAL COMMUNITY CENTRE & CLINIC
- CP CAR PARK
- PL PLAYING PITCH
- B BACKUP GARAGE
- LD LOST PEOPLE DWELLINGS
- PH PUBLIC HOUSE
- SH SHOPS





About half the scheme has been completed.
The Church, Community Centre and Pub have not yet been built.

PRINCIPAL CONTRACTORS :

C. Cammidge & Son Ltd.

A. Schofield (Builders) Ltd.

Local Builders :

J. W. & J. R. Barron.

A. Cook & Son.

J. W. Grainger.

Lucas & Matthews.

Ballustrading :

Samuel Gratrix Ltd.

Biminous Floor Tiles :

Marley Tile Co. Ltd.

Bricks :

Henry J. Greenham Ltd.

F. Clegg.

Gill Tiles :

Langley (London) Ltd.

Clothes Posts :

Driffield Precast Concrete Co.

Stepney Cast Stone Co.

Concrete Floors :

The Helical Bar & Engineering Co.

Electrical Installation :

Electric Power Installation Co.

Electricity Supply :

Northern Eastern Electricity Board.

Entrance Gate :

Samuel Gratrix Ltd.

Fencing :

Duralencing Ltd.

Fireplaces, Surrounds and Boilers :

F. Clegg & Co. Ltd.

B. F. & Co. Ltd.

Hardy & Holgate.

West & Gardam.

Garages (Lock-up) :

F. W. Martindale & Son.

Gas Supply and Installation :

North Eastern Gas Board.

Ironmongery :

Parker Winder & Achurch Ltd.

Neville Watts & Co. Ltd.

Kitchen Cabinets :

W. H. Beal Ltd.

Hellis Bros.

Peerless Built-in Furniture Ltd.

Oilbound Water Paint :

Walpamur Co. Ltd.

Paint :

Blundell Spence & Co. Ltd.

Mander Bros. Ltd.

Panel Fires :

Electric Power Installation Co.

Precast Concrete Beams :

Kingston Concrete Products Ltd.

Stepney Cast Stone Co.

Precast Stone Surrounds :

Kingston Concrete Products Ltd.

Stepney Cast Stone Co.

Roof Tiling :

Dawber, Townsley & Co. Ltd.

Sanitary Fittings :

Baileys (Bridlington) Ltd.

Samuel Gratrix Ltd.

Hardy & Holgate Ltd.

Kownson Drew & Clydesdale Ltd.

Taylor Bros. & Co.

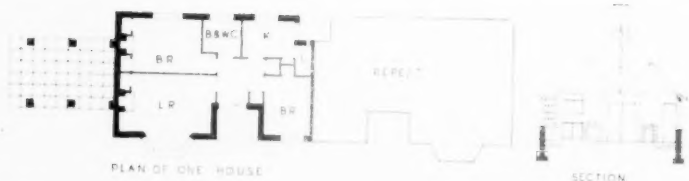
Shop Fronts :

C. Parcell

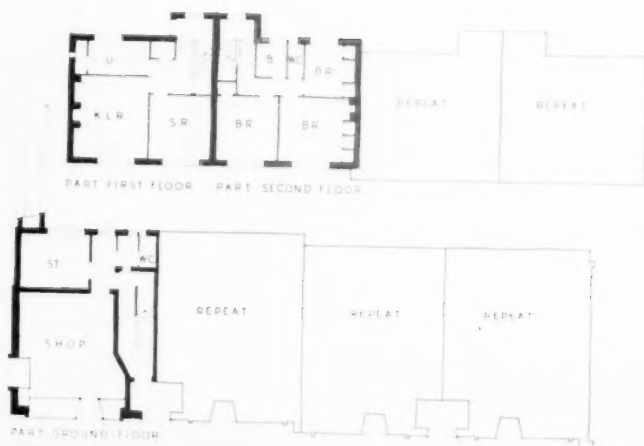
Windows :

Ideal Casements (Reading) Ltd.

TYPE OP2

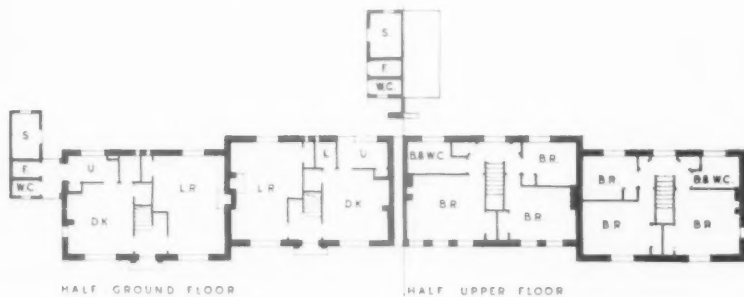


TYPE SES

SHOPS AND
MAISONNETTES



TYPE OP2: OLD PEOPLE'S DWELLING; two-bedroom, three-person.
TOTAL AREA: (including rear porch) 610. Sun porch 39, total 649.



SE35
South aspect
three-bedroom
five-person

END HOUSE
GROUND FLOOR.....459
FIRST FLOOR.....459
TOTAL.....918

CENTRE
GROUND FLOOR.....459
FIRST FLOOR.....496
TOTAL.....955



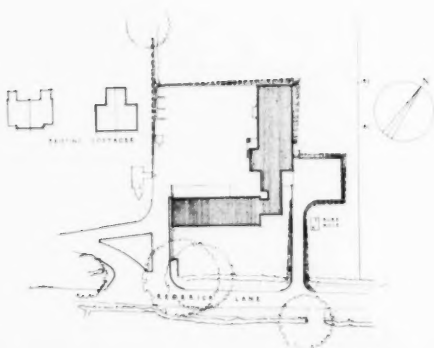
First units in terrace of Shops



The view from the East. The low messroom block is in the foreground; garage and workshop to the left.

OFFICES & STORES BUILDING, near Harlow for the Herts & Essex Waterworks Co. Ltd.

architects : SCHERRER & HICKS

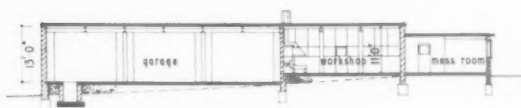


BLOCK PLAN

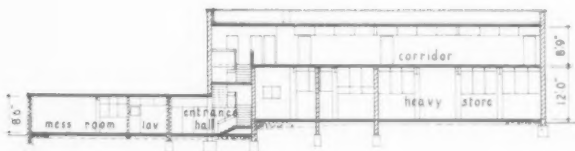
THIS building was required to provide additional offices, storage space, garages, a small workshop and Mess Room for outside distribution staff. A large paved area was necessary for outside storage and easy access for lorries bringing in heavy stores. It was further required that the offices should be placed as far away as possible from the existing cottages on the west side of the site, and that future extension of the offices should be allowed for.

The site was restricted by a water bore hole to the South East, and a steep cross which made necessary several changes in floor level. The subsoil is chalky clay and all concrete foundations have been taken down to a minimum depth of 3ft.

The construction of the ground floor area



SECTION A-A



SECTION B-B

is of load bearing blue brick piers, with steel joists, carrying precast concrete floors and roofs. The first floor office block has load bearing brick walls with precast concrete roof units spanning between. Roofs are finished with 2in insulation, screed and 3 ply bituminous felt finish. Generally the side walls are of 11in cavity brick construction and end walls 14in brickwork. Purpose made metal windows are used throughout, some in hardwood frames and others fixed direct to brickwork.

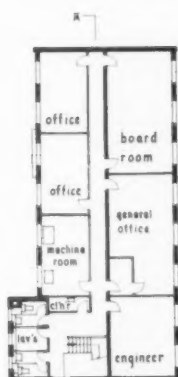
Internal Finishes

Garages and stores, etc., have either self finish concrete or granolithic floors, fairface brickwork painted and fairface concrete ceilings lime whitened. Entrance hall, staircase, corridors and offices have composition block flooring, plastered walls and ceilings painted. The colours generally are ivory and pale blue walls and ceilings, terra-cotta doors, with grey frames and architraves.

External Finishes

Side walls are in a golden brown brick, and end walls dark purple brown, with all piers in blue brick. Windows are painted ivory and metal doors and rainwater pipe terra-cotta. Sliding folding gates are light grey. Main entrance doors are polished hardwood with bright yellow doverite handles. The lettering and light fitting outside the main entrance are also bright yellow. The road and paved areas have a surface finish of pink granite chippings embedded in the concrete and the cover of the bore holes and wall of the car park are of large pebbles embedded in concrete.

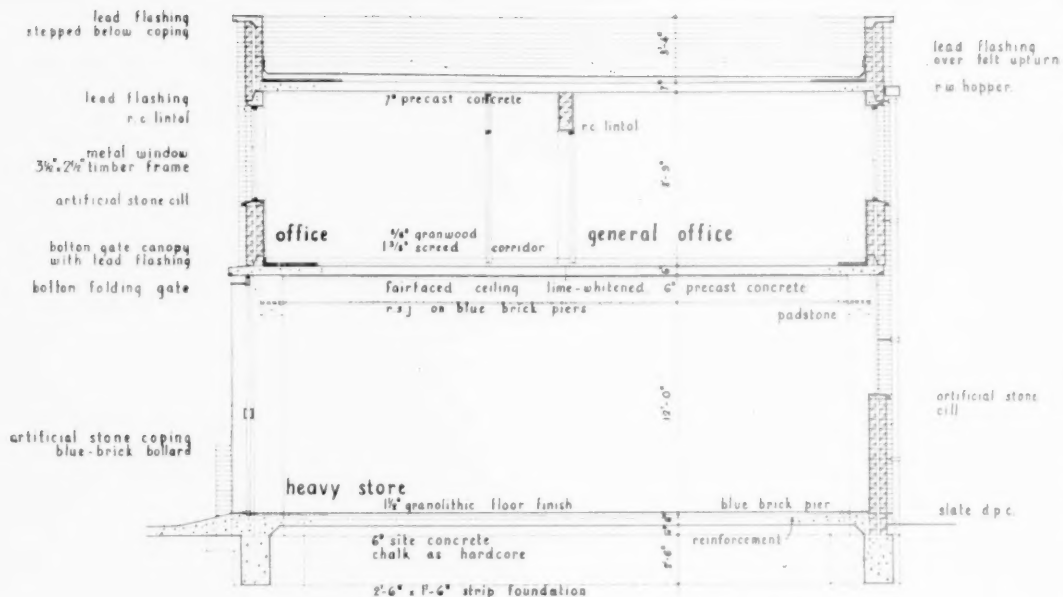
Heating is provided by a solid fuel boiler,



FIRST FLOOR



GROUND PLAN

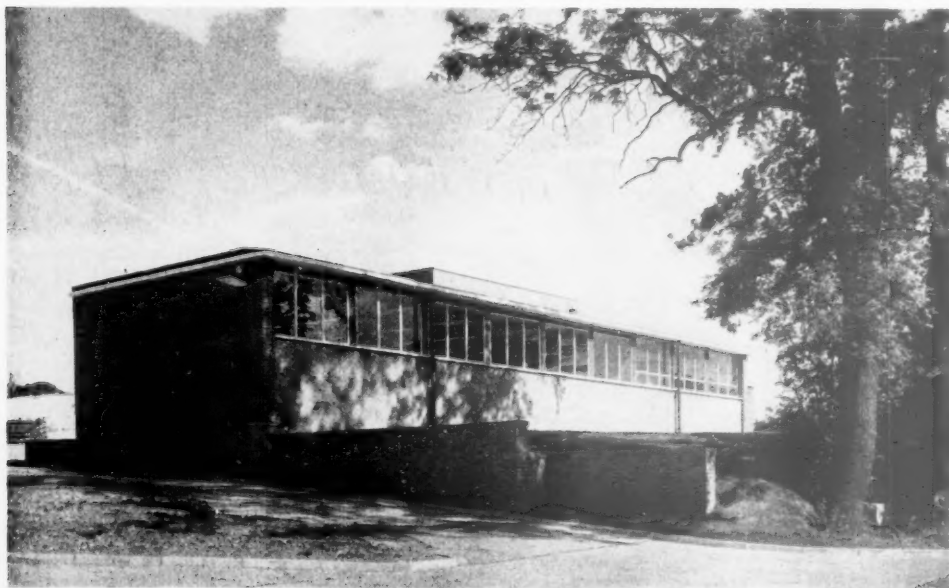


Detailed section: the cover flashing to the felt roof skirting is carried across the cavity.

with an accelerated low pressure hot water system, with pipe coils in garages and stores, etc., and neo-hospital type radiators elsewhere. Hot water is provided by electric heaters.

The quantity surveyors were Rider Hunt and Partners. James Whiffin and Sons Ltd. were the general contractors.

OFFICES & STORES BUILDING NEAR HARLOW





WOODBERRY DOWN HEALTH CENTRE



THIS fully comprehensive Health Centre for the London County Council, the first to be built under the National Health Service Act, was opened on October 14th by Mr. Somerville Hastings, M.S., F.R.C.S., M.P. The Centre, which has taken four years to design, build and equip at a cost of about £155,000, represents the realization of an ideal of bringing together preventive and curative health services.

The site of 1½ acres is situated to the south-west corner of the L.C.C. Housing Estate of Woodberry Down, Stoke Newington. The west boundary fronts Green Lanes, which carries public transport.

The plans for the Centre were prepared under the direc-

tion of Mr. Robert H. Matthew, A.R.I.B.A., Architect to the Council, by the architectural staff of the General Division. Mr. W. J. Durnford, F.R.I.B.A., Senior Architect and Mr. A. E. Miller, F.R.I.B.A., and are the result of a great deal of discussion and consultation between the medical and architectural departments of the Council. The following were also consulted and had an opportunity of examining the plans in detail at various stages: The London Executive Council, The London Local Medical Committee, The London Local Dental Committee, The Ministry of Health, The Ministry of Education. The mechanical and electrical services have been designed and carried out under the direction of Mr. J. Rawlinson,



GROUND FLOOR

M.Eng., M.I.C.E., M.I.Mech.E., Chief Engineer of the L.C.C.

The Centre is intended to serve an area in northern Stoke Newington about half of which is covered by the Woodberry Down Estate. The estate when completed will provide 1,771 dwellings accommodating about 6,500 persons. People living outside this area will not be precluded from attending the Centre. The population of the area to be served is estimated to be about 17,000 at present, with an ultimate planned population of 23,500.

Accommodation

Five health units operating under the National Health Service Acts and the Education Acts have been brought together under one roof as follows:—

Medical Practitioners' and Dental Surgeons' Unit

Situated on the main frontage of the centre facing Green Lanes with one main and three subsidiary entrances. Here suites for six medical practitioners are provided on the ground floor. Each doctor has a waiting room adjoining his consulting room, off which is an examination room and undressing cubicle. On the first floor, approached by two staircases, are available facilities for minor operations, the testing and treatment of eyes, visiting specialists, dental X-ray unit, doctors' clinical side room and a small medical

store room. On this floor also two dental surgeons have their suites.

School Health Unit

Entered off the small estate road on the north side of the site, it has a waiting hall, a room for dealing with minor ailments, a doctor's consulting room and nurses' room and record office all located on the ground floor. Immediately above on the first floor are two dental surgeries (one for use by the maternity and child welfare patients) and also a room for testing and treatment of eyes.

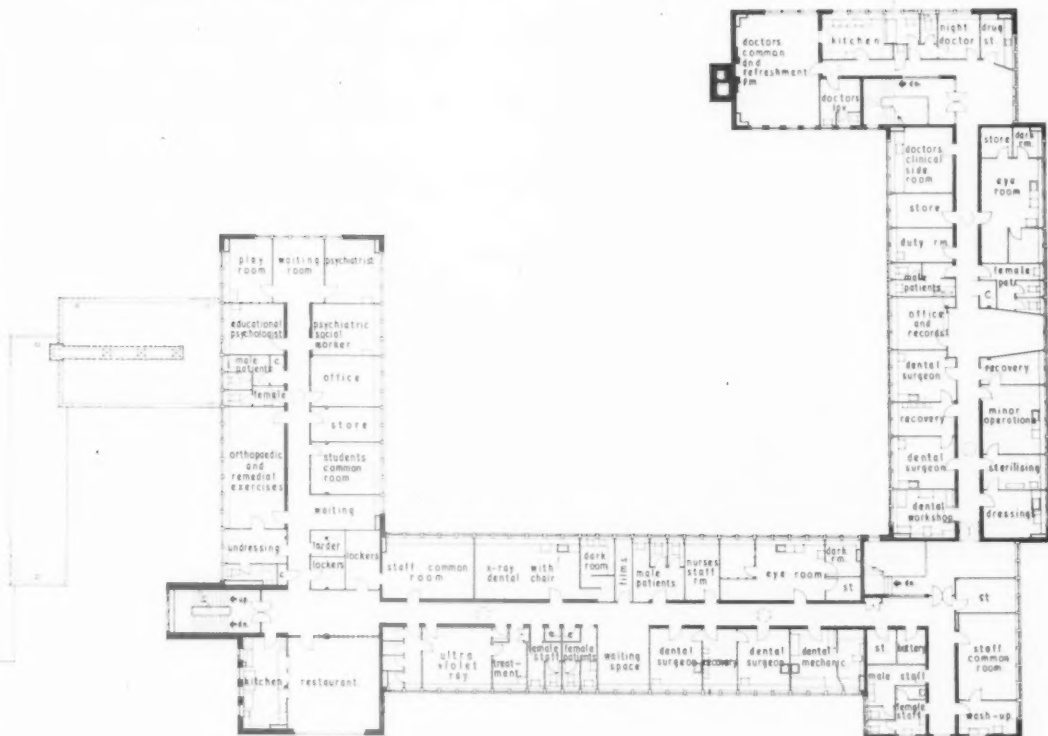
Child Welfare Unit

Also entered off the small estate road, this has an adjacent toddlers' playground and pram shelter.

The unit, situated on the ground floor, comprises rooms for undressing, weighing, interview, test feed, isolation, a doctor's consulting room, and a toddlers' room, milk room and lecture room with demonstration kitchen.

Ante-Natal Unit

This unit shares the entrance to the Child Welfare Unit. It contains on the ground floor waiting space, interview rooms for health visitors and midwives' and doctors' consulting rooms. On the floor above, in addition to the facilities already mentioned, which can be shared by this unit, an ultra-violet light and treatment unit is provided.



FIRST FLOOR

Remedial Exercise and Child Guidance Unit

This unit is placed on the first floor in the East wing and consists of a playroom and rooms for psychiatrist, psychiatric social worker and an educational psychologist. There is also an office and a room for orthopaedic and remedial exercises, with undressing rooms attached.

Generally

Offices for administration, staff common rooms and refreshment rooms are provided. Sanitary accommodation for both patients and staff is located at convenient positions.

A caretaker's flat is provided on the second floor. Parking space for cars and garages for doctors' cars are provided at the north-west corner of the site.

Construction

The building is two storeys in height except for the caretaker's flat. The constructional system takes the form of a concrete frame spaced on a modular grid. This allows abundance of natural light and also complete flexibility of internal partition arrangements. On these frames and on internal brick spine walls rest precast concrete floor and roof members.

Facing brick is used for all wall expanses. The concrete

frames where exposed externally are faced with artificial stone and this material is used elsewhere as dressings.

The framework and the resultant fenestration will allow for ready internal adaptation if, at any time, this becomes desirable.

The multiplicity of sanitary appliances created a difficult problem. All pipework, so far as possible, has been arranged out of sight. A horizontal duct on the inside of the external walls from floor to window sill on the first floor contains practically all service pipes, wastes and wall panel radiators. Vertical chases convey the piping to and from a duct under the ground floor. Movable panels have been arranged for easy access to all piping.

For quietness all floors of corridors have been finished with rubber, and this material has also been used for the floor of the dental surgeries. Elsewhere, composition tiling and terrazzo have been employed and in the lecture hall a wood floor was adopted.

Day Nursery

To the east of the Health Centre, a day nursery is built in which the children's rooms face the open space and have a southern aspect. The nursery is approached from the quiet road on the north and although adjacent to the Health Centre is separate except that it shares the engineering services.

Main Contractor—Tersons, Ltd. Sub-contractors: Aluminium alloy lift holder—Lift Ladders, Ltd. Brick-colour surfacing—The En Tout Cas Co., Ltd. Cloakroom fittings—Cloakroom Equipment, Ltd. Composition flooring—Greenwood Flooring Co., Ltd. Driver cupboard—Peerless Built-in Furniture, Ltd. Electrical engineering—W. J. Furse & Co. (London), Ltd. External blinds—Tidmarsh & Sons. Facing bricks (Golden Brown handmade S.P.)—John Knowles & Co. (London), Ltd. Fibrous plaster ceiling panels—H. E. Gaze, Ltd. Fireplaces—Bratt Colbran, Ltd. Floor and wall tiling—Hartadine Rouse & Co. Glass domes—James Clark & Eaton, Ltd. Hardwood revolving doors—Samuel Elliott & Sons (Reading), Ltd. Ironmongery—Lockerbie & Wilkinson (Birmingham), Ltd. Joinery—Rippers, Ltd. Lantern lights—Lemsette, Ltd. Mechanical engineering—Fretwell Heating Co., Ltd. Myko roofs and canopies—The Artificial Stone & Concrete Co., Ltd. Paving stones—Noelie, Ltd. Rapid pre-cast floors—The Rapid Flooring Co., Ltd. Reconstructed stone and pre-cast concrete—Watson Brothers, Ltd. Rubber flooring—Lewis Gilder & Co., Ltd. Sanitary fittings—Dent & Hellyer, Ltd. Semiotic tiling—Pilkington's Asphalt Co., Ltd. Staircase balustrading—J. Starkie Gardner, Ltd. Steel casements—Citrall Manufacturing Co., Ltd. Steel doors—Haywards, Ltd. Terrazzo—Malacarp Terrazzo Co., Ltd. Wall tiling—Parkinsons Wall Tiling, Ltd. Wood strip flooring—Stevens & Adams, Ltd.



Entrance to General Practitioner's wing

General Practitioner's consulting room



WOODBERRY DOWN HEALTH CENTRE

Continued from page 451

the great transverse axis of Paris: Louvre-Tuileries-Place de la Concorde-Champs Elysées-Etoile-Porte Maillot-Porte de Neuilly-Rond Point de la Defense. For instance, it will be 35 feet lower than the Arc de Triomphe at the Etoile.

The building has been set parallel to this axis. Thus, occupants of neighbouring buildings will not have their view of the Bois de Boulogne obstructed. The distance between the proposed building and the nearest buildings will be about 270 feet, as contrasted to its height of 200 feet.

In addition to Unesco's Secretariat, a permanent government delegation to the Organization, certain international non-governmental organizations working closely with Unesco, and the United Nations Information Centre in Paris will be housed in this building.

The Central Building will include rooms for conferences and for the Executive Board, the Conference Secretariat, and press, radio and television facilities. It will be about 30 feet high, 220 feet wide and 370 feet long.

Finally, the Auditorium has been conceived to serve as a meeting room adaptable for presentation of concerts and theatrical and cinema performances. It will be about 60 feet high, 128 feet long and 175 feet wide.

M.O.W. Economy Memoranda

The Ministry of Works has just issued two Economy Memoranda for Cement; No. 1 "Cement for Housing and Small-scale Building"; and No. 2 "Cement for Engineering and Large-scale Building." H.M.S.O. price 3d each.

COMING EVENTS

East Ham Technical College

October 14-18, 11 a.m. to 9 p.m. "Building To-day." Exhibition at the Dept. of Building, Arragon Road, East Ham.

Victoria and Albert Museum

October 22, at 6.15 p.m. "Victorian Decorative Arts," by Peter Floud, Keeper of Circulation, Victoria and Albert Museum, South Kensington, S.W.7.

Housing Centre

October 21, at 6 p.m. "The Problem of Old Property," by Mr. Martin Bond, of the Peabody Trust. Meeting to be held at 13, Suffolk Street, Haymarket, S.W.1.

Institution of Structural Engineers

October 23, at 5.55 p.m. "Hangars at London Airport—Design of Large Span Prestressed Concrete Beams," by A. J. Harris, B.Sc.(Eng.), A.M.I.C.E., at 11, Upper Belgrave Street, S.W.1.

Town and Country Planning Association

October 23 and 24. Conference on "The Development Plans," at the Council Chambers, County Hall, S.E.1. M.O.W. Works Economy Memoranda.

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For years, the name of DOCKERS has been in the forefront of good paints. Syntholux . . . Muroleum . . . Hermator . . . Hermasheen—all are established favourites in the decorating world. And now—VYDOK Emulsion Paint is introduced after thorough experiment and research. VYDOK has all the advantages . . . plus the name of DOCKERS behind it. As you want the best results, you cannot do better than use VYDOK!

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“HEAT—*Cooking, Heating and Hot Water*—IN LOW COST HOUSES”

A THOROUGH, LUCID, carefully considered, and above all *practical* approach to one of the most urgent problems of our time. In the sphere of heating, this new 88 pp. book is the logical development from “Houses 1952”, from which Plans are published by consent of the Ministry of Housing and Local Government.

For each of the twenty official plans, it gives a wide choice of means and methods of space-heating, water-heating and cooking. There are 70 diagrams, shaded to show the different effects, and notes and illustrations which explain in detail how these effects may be achieved.

Separate chapters deal in general terms with the selection and installing of appliances, with water-systems, chimney construction, and with convection heating.

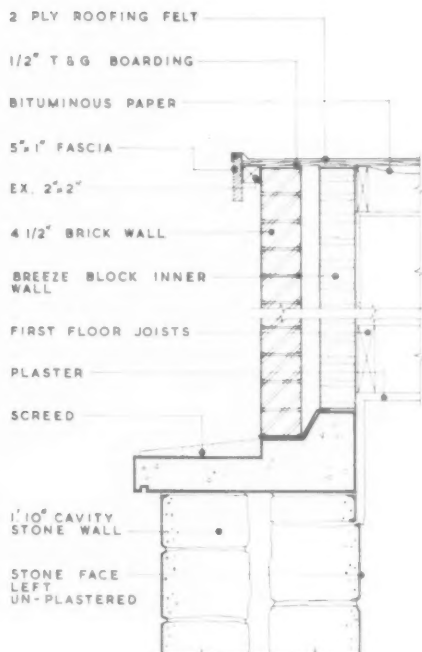
ALLIED IRONFOUNDERS INFORMATION SHEETS

Revised Edition

This work of reference is — very properly — both well known and well respected. It is remarkably compendious. Baths, boilers, cookers, grates, fires — specifications, dimensions, performance, finish — all the technical data is there, and astonishingly easy to get at.

This latest edition has been extensively revised and is now issued with a simplified index system and in a special binding, as a companion volume to the housing book.

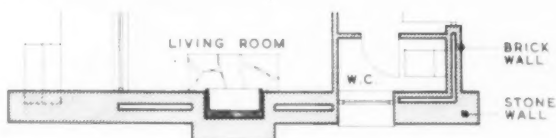




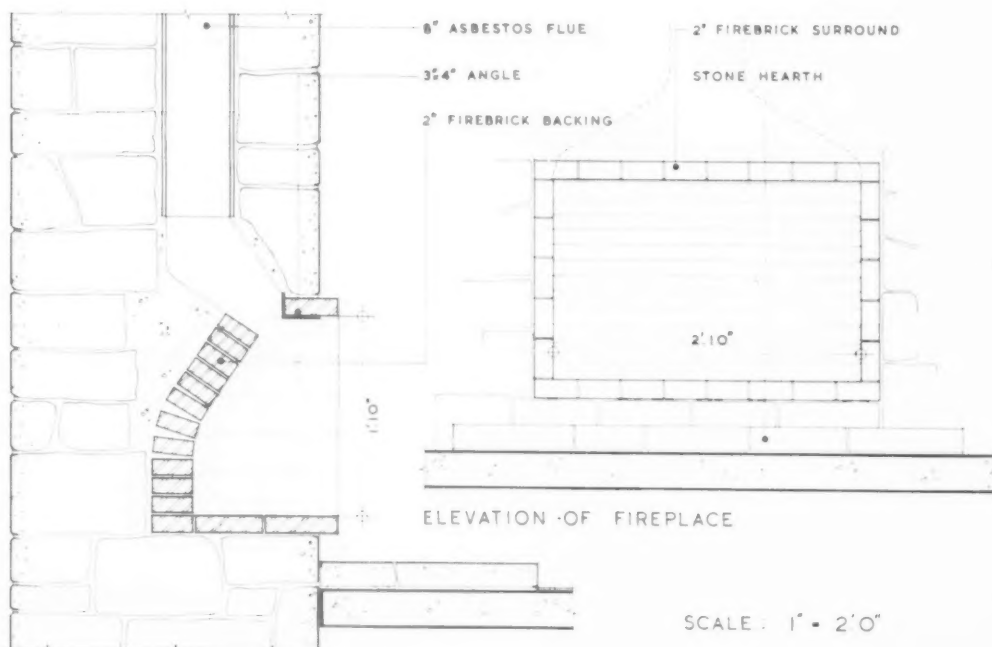
SECTION A-A



SIDE ELEVATION



PLAN OF END WALL SCALE 1" = 8' 0"



ELEVATION OF FIREPLACE

SCALE: 1" = 2' 0"

SECTION THROUGH FIREPLACE



Photo: Peter Pitt

FIREPLACE IN HOUSE AT BRYNMAWR
ARCHITECTS: YORKE, ROSENBERG & MARDALL



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More power is on the way. Fifty-nine post-war Power Stations are planned to be in commission by the end of 1957. Of these 25 will be completed or in partial operation by 31st December next. Plant installations this year should provide an extra 1,250,000 kilowatts—equal to 1,666,000 horse-power—even more than last year's record.

We cannot rely on the weather

Last winter, thanks to the good fortune of mild weather, the co-operation of consumers, and the special efforts of British Electricity, there were practically no power cuts. We cannot, unfortunately, rely on mild weather again. British Electricity are once more making special efforts to ensure that the maximum generating capacity will be available in the coming winter, and Industry is asked to take heed *now*: to ensure that the most effective and efficient use of power is being made at all times. **We must all avoid waste. Then we can hope for a 'cut-free' winter.**

**PLAN NOW FOR
MAXIMUM WINTER PRODUCTION**





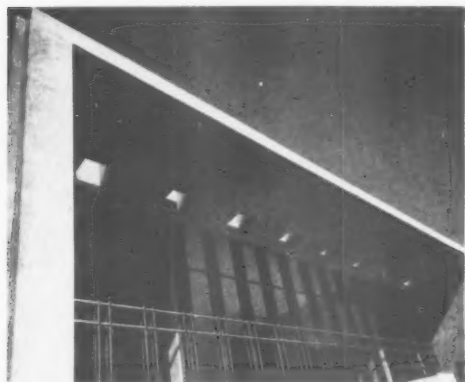
PRINCES' S MEADOWS ESTATE

AS already announced, the L.C.C. has been recommended by its Town Planning Committee to purchase the Princes Meadows Estate from the Duchy of Cornwall, and to reserve a site of about five acres adjoining Waterloo Bridge for the erection by the Government of a Science Centre. In the County of London Plan, 1951, the South Bank area, including the Princes Meadows Estate, is envisaged as an extension Southward of the Central area of London, and the proposals include buildings for Central Government and Local Government offices and for cultural, commercial and industrial uses. The aerial photo above shows the estate outlined in white.

Properties in the estate at present include commercial buildings, government offices, wharves, two modern blocks of flats, a number of small business and residential buildings, two licensed premises. There are 4½ acres of cleared land.

Among the larger properties are Cornwall House, Waterloo Bridge House, Boots drug warehouse, printing and bookbinding works, the London School of Printing and the Graphic Arts, part of the Union Cold Storage Company's premises, Gabriel's Wharf, Prince's Wharf, Thorne Wharf, Bowater's Wharf, Commercial Wharf, Letts Wharf, Pitfield Wharf and Baltic Wharf.

Some of the existing properties are held on long leases and redevelopment will necessarily be spread over many years. But purchase of the land will enable the Council to safeguard redevelopment proposals and to secure better comprehensive planning. It is intended to give an assurance to the Council of the Duchy of Cornwall that, apart from any increases in rates and other permitted statutory increases, the rents of existing weekly tenants of the residential properties and of the Cornwall Club will not be altered until such time as they vacate their premises either by their own volition or when the Council desires vacant possession for its purposes.



The General Assembly Building of the United Nations Organisation Headquarters was inaugurated for the opening of the seventh session of U.N.O. on October 14. The approach is up a long ramp on the curved West wall, leading to the domed assembly hall which seats 2,170. The E. and W. interior walls are decorated with two large murals designed by Fernand Leger. The South wall is glazed with a projecting canopy shown above.

The New General Assembly Building, New York



Photos: Uniations



w York

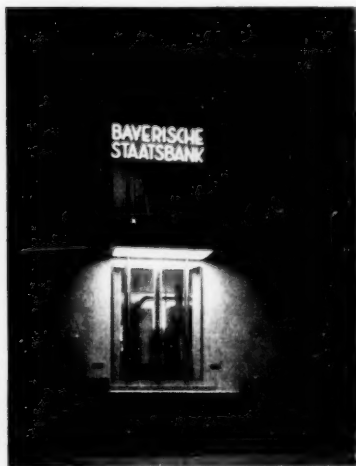


NEW BUILDING
IN NUREMBERG
FOR THE BAYERISCHE
STAATSBANK

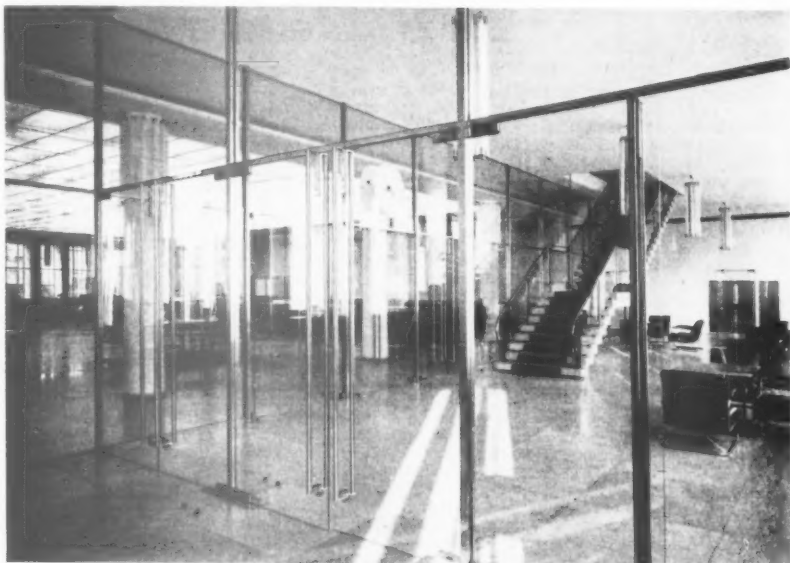
ARCHITECT :
PROFESSOR SEP RUF



Main entrance by day and by night



The new reinforced concrete building for the Bayerische Staatsbank in Nuremberg has been designed to harmonize with the proportions of the existing buildings in the square behind the Church of St. Lorenz. The new bank is built on the foundations of the previous building. The public space is clear of supports and internal partitions are of glass framed in steel. The second floor is let off as offices.



General view of Banking Hall



GROUND FLOOR PLAN

Top Hamper

ON a recent visit which took me on the roofs of some taller blocks of flats from where I was able to survey a whole neighbourhood, I was very impressed by what appears to be a serious lack of care to tidy up the designs of the upper works of many buildings. One saw in almost every direction badly designed and, incidentally, what often looked like badly built lift housings, tank housings, chimney stacks, lantern lights, dormers, staircases and a host of other limpet structures, not to mention lightning conductors, wireless aerials, flag poles, and other obstacles to free movement on roofs, such as gullies, overflow pipes, vent pipes, expansion pipes, heating mains and ventilation ducts. As a war-time recollection of fire-watching I recall the roof decorations and impediments into which one bumped or by which one was tripped up in darkness often being as dangerous as the bombs themselves, and the same conditions may well exist in moments of peace-time emergency, such as fires.

I am doubtful that in this climate, and more especially in or near our larger cities where the dirt deposits are usually excessive, that it is possible to make good use of flat roofs as amenities to our living accommodation and still less as drying spaces for laundry, so that it might be argued that it is of little importance to plan carefully the tops of buildings to present a reasonable appearance; however, I do not agree this point of view as so many roofs are visible, at least in part, from the upper floors of adjoining buildings.

All higher buildings—in fact, in my opinion, those over three, or at the most four, storeys—should have flat roofs, as pitched ones tend to become difficult and costly to maintain owing to problems of easy access unless very wide parapet gutters with gutter boards are available. Also flat roofs often simplify the planning and means of escape in case of fire, even if they are more costly than pitched roofs to construct to a given degree of thermal insulation. When flat roofs are used it is very essential to take adequate steps to design and plan properly everything which comes through them or is placed upon them. It is true that pitched roofs hide most of the excrescences, but, nonetheless, there are usually at least some services which project through or above roofs which need careful arrangement to overcome disfigurement of the building.

Above all, it is desirable that pipes and service mains are, as far as possible, kept clear of any spaces used for access purposes on roofs, while any pieces of building, such as those housing lifts and tanks, should receive proper design treatment so as to avoid the appearance of being afterthoughts.

Whenever possible service pipes, such as those for hot- and cold-water distribution, are better placed below

the main roof, as this position reduces both the first cost and maintenance of their insulation. Carefully planned services, and especially the use of one-pipe plumbing systems can, at little or no extra cost, clean up roof appearances enormously. Care should be taken to group, as much as possible, pipes passing through roofs, so that they may be placed in or adjoining roof structures, such as tank and lift housings, parapet walls or chimney stacks, instead of being treated as a large number of isolated projections.

Since it is now acceptable, in almost all districts, to place soil and waste pipes within buildings, although tending to be more costly but often making for easier access, one of the worst causes of disfigurement of buildings can be overcome. There remains, however, the difficulty of making inconspicuous the overflow or warning pipes from water supply cisterns and flushing cisterns as, for the reason of ensuring that waste of water is quickly and uncomfortably noticeable, the Model Water Byelaws call for overflows to be "so fixed that the outlet end is in an exposed and conspicuous position when the discharge therefrom may be readily seen," and most local water supply regulations and inspectors are just as stringent as the Model Byelaws. If damp walls are to be avoided it is desirable that these cistern overflows project sufficiently from the wall surface for the water to be thrown well away from the wall.

Expansion pipes on hot water and heating systems may in most instances be brought through roofs inside tank enclosures and made to discharge over the supply tanks so as to be invisible externally but it is essential that there is an ample gap of at least 6in between the outlet of the expansion pipe and the overflow level of the storage tank.

Guard rails, external staircases and cat-ladders can, by careful design, be made to look reasonable, as may also chimney stacks. Not only is a reasonably good design necessary for lift machinery and tank enclosures but also reasonably good building since these projections on roof tops are extremely exposed to the weather. A point in connection with their design, which is too frequently overlooked, is the need to provide access doors through which complete replacements may be made without pulling down walls. The doors provided for access must be so designed and detailed to suit the exposure conditions and remain wind- and rain-proof. I recently met a case where it was necessary to replace a 500-gallon cold supply cistern which was about 5ft x 4ft x 6in but the tank enclosure had been constructed in rendered 9in brick walls covered with a concrete roof after the tank was installed and the only access provided was a door 2ft 3in wide and 4ft high.

This subject raises also in my mind

the need to consider, when designing buildings, the necessity of providing easy and inexpensive access to all parts of the exteriors of buildings for up-keep and maintenance purposes. Access for external painting, repairs of roofs, roof-lights and even window cleaning need very careful thought. It is particularly necessary to avoid the need to install scaffolding, which can so easily become a very costly item of repair work, and to make the provision or installation of cradles simple.

Roof gullies, or other means of rain-water removal and small steps forming changes in roof levels also need careful planning to avoid being dangerous to those using roofs, but a little thought and planning can usually minimize the personal risks from these sources.

In the introduction to this note I mentioned particularly lightning conductors and wireless aerials, as these are both matters frequently treated as afterthoughts when the building is in an advanced stage of construction. They are both subjects for early consideration during the designing stage as the first has to reach to the ground and the second may need connections throughout the interior. Lightning protection is not a subject with which many of us are very familiar but I found CP. 326.101 "Protection of structures against lightning" provides very helpful guidance, while CP. 327.201 "Broadcast reception" has provided me with excellent information on aerials, applicable not only to large buildings but also to single houses and even one's own dwelling.

Railings, outside escape stairs and ladders and parapet walls which have to provide access and protection for roof users might, with advantage, form the subject of a future Code of Practice in order to settle such questions as desirable heights, maximum widths and lengths of open spaces in railings and above all methods of adequate but economic arrangement of fixings of rails and ladders without them being a possible source of penetration of damp through the structure.

DUTCH UNCLE

M.O.W. LECTURES OCTOBER

BIRMINGHAM, October 28, at 7.30 p.m.
SOIL MECHANICS IN THE BUILDING INDUSTRY.—Speaker: M. W. Leonard, of Soil Mechanics, Ltd., at Ministry of Works Building, Ashley Street, Birmingham.

PAISLEY, October 29, at 7.15 p.m.
DRY ROT.—Speaker: W. P. K. Findlay, Forest Products Research Laboratory, at the Smoke Room, City Bakeries, 13, High Street, Paisley.

NEWCASTLE-UPON-TYNE, October 29, at 7 p.m.
ARCHITECTURE TO-DAY.—Speaker: Professor W. B. Edwards, School of Architecture, King's College, Newcastle-upon-Tyne, at Y.M.C.A., Connaught Hall, Blackett Street, Newcastle.

Notes below give basic data of contracts open under locality and authority which are in bold type. References indicate: (a) type of work, (b) address for application. Where no town is stated in the

CONTRACT • NEWS •

OPEN

BUILDING

BERKSHIRE C.C. (a) 1 pair of police houses with office and garage, High Street, Crowthorne. (b) County Architect, Wilton House, Parkside Road, Reading. (c) 2gns. (e) Oct. 24.

BEXLEY B.C. (a) First section of community centre at Falconwood Parade, Welling. (b) Borough Engineer, West Lodge, Broadway, Bexleyheath, Kent. (c) 2gns crossed cheque payable to Corporation. (e) Nov. 1.

BRADFORD C.C. (a) 6 pairs of aged persons' bungalows, Thorpe Edge Estate, Idle, Bradford. (b) City Engineer, Town Hall. (c) 2gns. (e) Oct. 28.

CLEVEDON U.C. (a) Conversion into 2 dwellings of "The Hawthorns," Elton Road. (b) Engineer and Surveyor, The Council House. (c) 2gns. (e) Oct. 25.

CORBY U.C. (a) Supply and erection on prepared foundations of 2 precast concrete frame buildings for new Council depot. (b) Engineer and Surveyor, 60, Forest Gate Road. (c) 2gns. (e) Oct. 24.

CREWE B.C. (a) Contract No. 515. 80 houses, Wistaston Green Estate. (b) Borough Engineer, Municipal Buildings. (c) 2gns. (e) Nov. 10.

DEARNE U.C. (a) Contract No. 23. 32 houses, Whin Wood Estate. (b) Engineer and Surveyor, Council Offices, Bolton-on-Deerne. (c) 2gns. (e) Nov. 8.

DROYLSDEN U.C. (a) 14 houses, Gloucesters Road/Sunnyside Road site. (b) Mr. Frank Bradley, Penny Bank Chambers, 4, Wood Street, Bolton. (c) 2gns. (e) Oct. 31.

DROYLSDEN U.C. (a) 64 maisonettes at King George Field, Moorside Street. (b) Mr. Frank Bradley, Penny Bank Chambers, 4, Wood Street, Bolton. (c) 2gns. (e) Oct. 31.

DURHAM C.C. (a) Extensions at Stanley ambulance station. (b) County Architect, Court Lane. (d) Oct. 22.

DURHAM C.C. (a) Health centre at Peterlee. (b) County Architect, Court Lane. (d) Oct. 22.

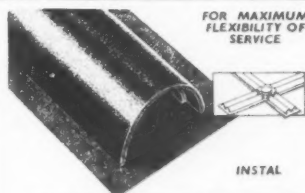
DURHAM C.C. (a) Control centre at Felling. (b) County Architect, Court Lane. (d) Oct. 22.

DURHAM C.C. (a) Control centre at Billingham. (b) County Architect, Court Lane. (d) Oct. 22.

DURHAM C.C. (a) Ambulance headquarters at High Carr House, Framwellgate Moor. (b) County Architect, Court Lane. (d) Oct. 22.

DURHAM C.C. (a) Control centre at Jarrow. (b) County Architect, Court Lane. (d) Oct. 22.

address it is the same as the locality given in the heading, (c) deposit, (d) last date for application, (e) last date and time for submission of tenders. Full details of contracts marked ★ are given in the advertisement section.



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DURHAM C.C. (a) Ambulance station at Fishburn. (b) County Architect, Court Lane. (d) Oct. 22.

DURHAM COUNTY POLICE AUTHORITY. (a) 1 pair of houses at East Merton. (b) Police Authority Architect, Court Lane. (c) Oct. 31.

EAST DEVON HOSPITAL MANAGEMENT COMMITTEE. (a) Alterations and adaptations at Redhills Hospital, St. Thomas, Exeter. (b) Secretary, Redhills House, St. Thomas, Exeter. (c) Oct. 24.

GOSPORT B.C. (a) Block of 4 lock-up shops with maisonettes above and block of 4 garages at Rowner and block of 3 lock-up shops and maisonettes with garages and approx. 1,200 sup yds of roads, etc., at Woodcut. (b) Borough Engineer, Town Hall. (c) 2gns.

GOSPORT B.C. (a) 16 houses with ancillary site works, Woodcut. (b) Borough Engineer, Town Hall. (c) 2gns.

LIVERPOOL C.C. (a) Civil Defence control centre at (1) Huyton and (2) Knotty Ash. (b) City Architect, Blackburn Chambers, Dale Street, Kingsway, 2. (c) 2gns. (e) Oct. 24.

***LONDON—CAMBERWELL B.C.** (a) 3-storey block of 9 flats, Site No. 58, Evelina Road. (b) Town Clerk, Town Hall, Peckham Road, S.E.5. (c) 2gns. (e) Nov. 18. See page 34.

LONDON—CHINGFORD B.C. (a) Public conveniences at Green Farm, Station Road, E.4. (b) Borough Engineer, "Holmleigh," Ridgeway Road, E.4. (c) 1gns. (e) Oct. 27.

LONDON—CHINGFORD B.C. (a) 3 blocks of 6 flats at the Old Church Road Estate, E.4. (b) Borough Engineer, Town Hall, E.4. (c) 2gns. (e) Nov. 7.

N. IRELAND—ARMAGH E.C. (a) Primary and intermediate school with ancillary site works, Newtonhamilton. (b) A. G. Crawford, 1, Lombard Street, Belfast. (c) 5gns. (e) Oct. 28.

PORTSMOUTH C.C. (a) Reconstruction of 2-storey workshop (floor area approx. 24,000 sup ft) of Vosper, Ltd., The Camber. (b) City Engineer, City Council Chambers, 1, Clarence Parade, Southsea. (c) 3gns. (e) Nov. 7.

ROTHWELL U.C. (a) 12 houses, Haigh Road site. (b) Messrs. R. A. Easdale and Son, County Chambers, Bradley Street, Castleford. (c) 2gns. (e) Nov. 3.

RUISLIP—NORTHWOOD U.C. (a) Block of 14 shops and 28 flats, West End Road, Ruislip. (b) Engineer and Surveyor, Council Offices, Oaklands Gate, Northwood. (c) 2gns. (e) Oct. 31.

ST. AUSTELL R.C. (a) (1) 1 pair of houses at Harmony Place, Roche and (2) 4 pairs at Highfield Avenue, St. Columb (amended contract). (b) Engineer and Surveyor, "Trevana," 12, Carylon Road. (c) 2gns each contract. (e) Oct. 29.

ST. HELENS B.C. (a) Contract No. 2011. Block of 8 flats and 11 houses, Sutton Estate, Weymouth Street section. (b) Borough and Water Engineer, Town Hall. (c) 2gns. (e) Oct. 27.



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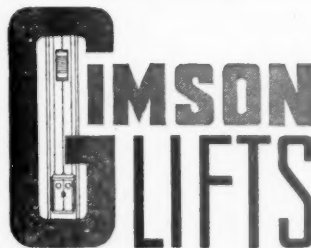
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SALFORD C.C. (a) Huttet classroom block (prefabricated) at Stott Lane. (b) Messrs. Halliday and Agate, 14, John Dalton Street, Manchester, 2. (c) £2. (e) Oct. 30.

SALFORD C.C. (a) Bowls pavilion at Ordsall Park. (b) City Engineer, Town Hall, 3. (c) 1gn. (e) Nov. 3.

SOUTH WESTERN REGIONAL HOSPITAL BOARD. (a) Medical officers block, alteration to form casualty department, etc., and additions to operating theatre and out-patients' department at Weston-super-Mare General Hospital. (b) Regional Architect, South Western Regional Hospital Board, 27, Tyndalls Park Road, Bristol, 8. (c) 2gns. (d) Oct. 24. (e) Nov. 12.

SWALE R.C. (a) 14 houses with external works, etc., at Stockers Hill Road, Rodmersham, near Sittingbourne. (b) Engineer and Surveyor, 48, Bell Road, Sittingbourne. (c) 3gns. (e) Nov. 4.

TORQUAY B.C. (a) (1) 57 houses and (2) 62 houses on the Sherwell Valley Estate. (b) Borough Surveyor, Town Hall. (c) 5gns. each tender; cheque payable to Corporation. (d) Oct. 27.

WAKEFIELD R.C. (a) Scheme 18. 26 houses at Crofton. (b) Engineer and Surveyor, Council Offices, 18, St. John's North. (c) Oct. 25.

WEMBLEY B.C. (a) 2 houses, administration and welfare blocks, public conveniences, etc., at Carpenters Park Cemetery, near Watford, Herts. (b) Borough Treasurer, Town Hall. (c) 2gns. (e) Oct. 31.

WEST RIDING C.C. (a) Adaptation of Y.M.C.A. timber hut at the R.A.F. Station, Funningley, as primary school. (b) County Architect, "Bishopgarth," Westfield Road, Wakefield. (c) 1gn. (e) Nov. 3.

WEST SUSSEX C.C. (a) Job No.3179. Temporary senior chemistry laboratory at High School for Girls, Chichester. (b) County Architect, County Hall, Chichester. (d) Nov. 1.

WINDERMERE U.C. (a) Construction of (1) roads and sewers and (2) erection of 180 houses and 20 flats, Droomer Stile Estate. (b) Messrs. Middleton and Jones, 1, Queen Street, Lancaster. (c) 3gns. each contract. (e) Nov. 1.

MISCELLANEOUS

SOUTHALL B.C. The council is preparing a list of Contractors for the erection of houses, bungalows and flats. Application forms from Borough Engineer, Town Hall, Southall, Middlesex, to be returned by October 25th.

PLACED

Notes on contracts placed state locality and authority in bold type with (1) type of work, (2) site, (3) name of contractor and address, (4) amount of tender or estimate. † denotes that work may not start pending final acceptance, or obtaining of licence, or modification of tenders, etc.

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LONDON COUNTY COUNCIL. (1) Erection of St. Martin's High School. (2) Tulse Hill. (3) Rush and Tompkins, Ltd., Station Road, Sidcup, Kent. (4) £296,681. (1) Foundations, etc., for Strand High School. (2) Norwood. (3) Leslie and Co., Ltd., Kensington Square, S.W.8. (4) £51,302. Total cost £589,800.**NOTTINGHAM CORPORATION.** (1) 2,000 "No Fines" houses. (2) Clifton Estate. (3) Geo. Wimpey and Co., Ltd., The Grove, Hammersmith, W.6. (4) £2,801,498.**LONDON COUNTY COUNCIL.** (1) 157 flats in 11 blocks. (2) Milne Estate, Woolwich. (3) Rush and Tompkins, Ltd., Station Road, Sidcup, Kent. (4) £349,867. (1) 27 flats. (2) Cumming Estate, Islington. (3) Rowley Bros., Ltd., Tottenham. (4) £64,932.**CORBY U.D.C.** (1) 342 houses. (2) Lodge Park Estate. (3) Sherriff and Co. (1943), Ltd., Barkby Road, Leicester. (4) £417,910.**LICHFIELD.** (1) New foundry and offices, for Chamberlin and Hill, Ltd., Walsall. (3) J. and F. Wootton, Ltd., Pinfold, Bloxwich, Staffs.**WALHAMSTOW B.C.** (1) 31 houses. (2) Falmouth Avenue. (3) S. R. Bryett, Grays Farm, Dagenham, Essex. (4) £80,145.**SHOREDITCH B.C.** (1) Blocks of flats. (2) Various estates. (3) Walter Lawrence and Sons, Ltd., Sun Street, Finsbury, E.C.2. (4) £172,767, £24,691 and £24,764.**NEWTON ABBOT U.D.C.** (1) 61 houses, 10 bungalows. (2) Buckland site. (3) Heath Bros., Borey Tracey, Devon. (4) £93,452.**COVENTRY CORPORATION.** (1) Secondary school. (2) Broad Lane. (3) Higgs and Hill, Ltd., Swan Lane, Coventry. (4) £318,979.**STALYBRIDGE B.C.** (1) 84 houses, 24 flats. (2) Stamford Park Estate. (3) Plasterers (Ashton-under-Lyne), Ltd., Ashton-under-Lyne. (4) £136,069.**ASHFORD, KENT.** (1) Out-patients' department. (2) Ashford Hospital. (3) O. Marx and Son, Ltd., Sandgate Road, Folkestone. (4) £21,928.**BRENTWOOD U.D.C.** (1) 38 flats. (2) Three Arch Bridge Estate. (3) C. S. Wiggins and Son, Hart Road, Thundersley, Essex. (4) £40,220.**LIVERPOOL E.C.** (1) Junior department. (2) Broad Green School. (3) F. C. Blomfield and Co., Ltd., Almonds Green, Liverpool, 12. (4) £49,910.**MERIDEN R.D.C.** (1) 50 houses. (2) Allstree. (3) Morris and Jacobs, Ltd., Hobmoor Road, Small Heath, Birmingham.**LIFTS
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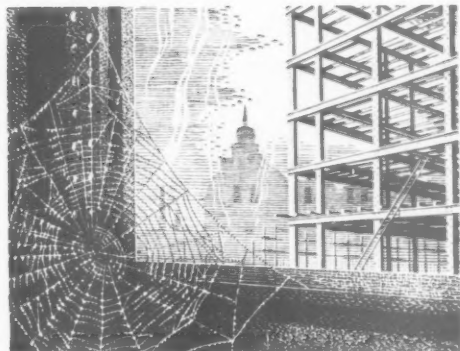
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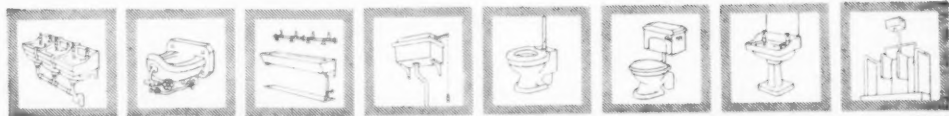
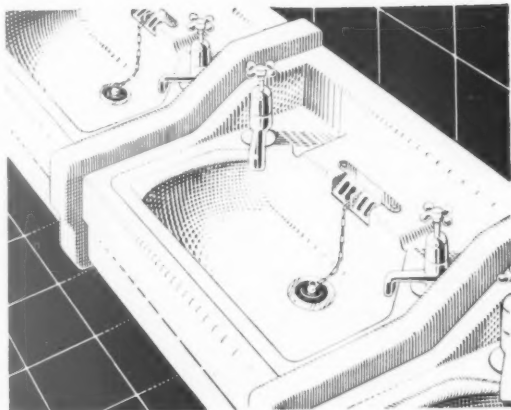
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RICKMANSWORTH URBAN DISTRICT COUNCIL

ARCHITECTURAL ASSISTANT.

APPLICATIONS are invited for the above permanent appointment in the Engineer and Surveyor's department. Salary A.P.T. III (£525-£570). Applicants must be experienced in the preparation of plans and specifications, with particular reference to the design of council houses. Applicants must state, whether they wish the Council to provide housing accommodation and any such request will be considered. Applications endorsed "Architectural Assistant," giving the name and addresses of two referees, to be delivered to the undersigned by October 25, 1952.

C. G. RANSOME WILLIAMS.

Clerk of the Council.

Council Offices,
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Chief Education Officer.

Education Office,
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LONDON ELECTRICITY BOARD.

JUNIOR QUANTITY SURVEYOR.

APPLICATIONS are invited for the above position in the Construction Branch of the Chief Engineer's Department in Central London.

Applicants should have had good general office training and experience in working-up in quantities. The successful applicant will work under the direction of a Chartered Quantity Surveyor.

The post is graded under Schedule "C" of the National Joint Board Agreement as Grade 9 - £400 per annum, rising to £579 12s per annum, inclusive of London Allowance.

Application forms, obtainable from Establishments Officer, 46, New Broad St., E.C.2, to be returned completed by 29th October, 1952. Please enclose addressed foolscap envelope and quote ref. V 1525 AA on all correspondence. [6718]

CITY OF BIRMINGHAM PUBLIC WORKS DEPARTMENT.

APPLICATIONS are invited for the posts of QUANTITY SURVEYORS, Grade A.P.T. VI, in the Architectural Department.

Applicants must be Associate Members of the Royal Institute of Chartered Surveyors (Quantity Section) and have had considerable experience and be competent to take-off and prepare Bills of Quantities for all classes of buildings. Salary Grade A.P.T. VI (£670-£735 per annum) in accordance with qualifications and experience.

Housing Accommodation is not provided.

The appointments are subject to one month's notice on either side.

The posts are superannuable and subject to a medical examination.

Applications, endorsed "Quantity Surveyor," stating age, qualifications and experience, together with the names of two persons to whom reference can be made, should reach the undersigned not later than 15th November, 1952.

Canvassing disqualifies.

A. G. SHEPPARD FIDLER,

City Architect.

Civic Centre, Birmingham, 1. [6721]

APPOINTMENTS—contd.

COUNTY BOROUGH OF BURTON UPON TRENT.

APPOINTMENT OF ARCHITECTURAL ASSISTANT.

APPLICATIONS are invited for the appointment of ARCHITECTURAL ASSISTANT in the office of the Borough Surveyor at a salary in accordance with Grade VI of the A.P.T. Division (£670-£735) of the National Scheme of Conditions of Service.

Preference will be given to candidates who are Associate Members of The Royal Institution of British Architects. Consideration will be given to the provision of housing accommodation if required.

The appointment will be subject to the provisions of the Local Government Superannuation Act, 1937; to determination by one month's written notice on either side; and to the successful candidate passing a medical examination by the Medical Officer of Health.

Applications, stating age, qualifications and experience, accompanied by copies of three recent testimonials, must be delivered in sealed envelopes endorsed "Architectural Assistant" to the Borough Surveyor, Town Hall, Burton upon Trent, not later than 10 a.m. on Monday, 27th October, 1952.

Canvassing either directly or indirectly will be deemed a disqualification.

H. BAILEY CHAPMAN,

Town Clerk.

Town Hall,

Burton upon Trent

10th October, 1952. [6722]

BOROUGH OF LEYTON.

APPOINTMENT OF ARCHITECTURAL ASSISTANT.

APPLICATIONS are invited for the following permanent appointment:
GENERAL ARCHITECTURAL ASSISTANT,
Grade A.P.T. IV (£555-£600 per annum plus London Weighting Allowance).

Candidates should have passed at least the R.I.B.A. Intermediate Examination and have had municipal post-war housing experience.

The appointment is subject to the National Scheme of Conditions of Service, the provisions of the Local Government Superannuation Act, 1937, and the passing of a medical examination.

Canvassing will be a disqualification and candidates must disclose in their application whether to their knowledge they are related to any member or senior officer of the Council.

Applications, stating age, details of qualifications and experience, together with copies of three recent testimonials, should be delivered to the Borough Engineer and Surveyor, Town Hall, Leyton, E.10, not later than SATURDAY, November 1st, 1952.

D. J. OSBORNE,

Town Clerk.

Town Hall,

Leyton, E.10. [6714]

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TENDER DOCUMENTS will be despatched on MONDAY, OCTOBER 27th, 1952, and TENDERS and BILLS OF QUANTITIES under separate cover must be delivered to the Town Clerk by 12 NOON on TUESDAY, NOVEMBER 18th, 1952.

The Council do not bind themselves to accept the lowest or any tender.
October, 1952. [6711]

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[6712]

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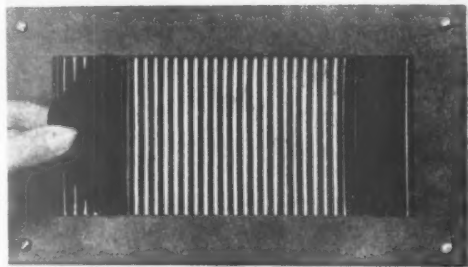
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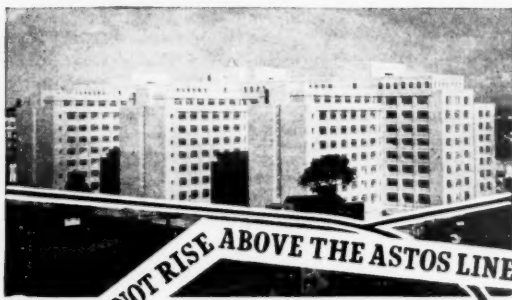
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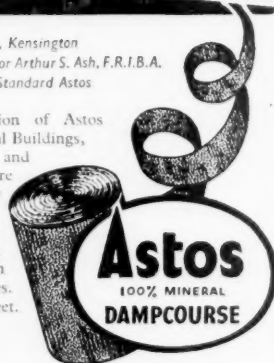
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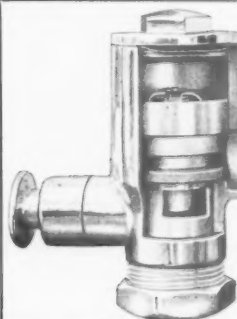
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Official Notices, Tenders, Auction, Legal and Miscellaneous Appointments on page 34

Albright & Wilson, Ltd.	25	Collier, W. H., Ltd.	31	Highways Construction, Ltd.	11	Smith, Samuel, & Sons, Ltd.	32
Allied Ironfounders, Ltd.	24	Coverite (Asphalts), Ltd.	29	Key Engineering Co., Ltd.	27	Solignum, Ltd.	26
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Box No. 2592	29	Ellis School, The	29	McCarthy, M., & Sons, Ltd.	27	Thermacoust, Ltd.	16
Boydell & Co., Ltd.	27	Engert & Rolfe, Ltd.	28, 29	Margolis, M.	29	Thomas, Richard, & Baldwin, Ltd.	19
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College of Estate Management	35	Co., Ltd. Outside Back Cover		Shutter Contractors, Ltd.	32	Young, H., & Co., Ltd.	17

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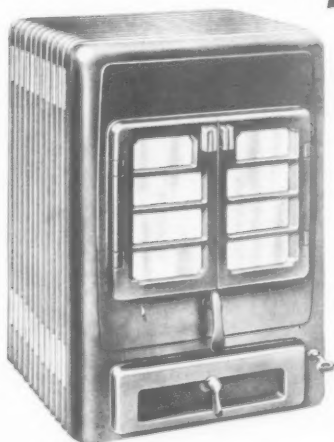
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